



## Appendix I Guide to— Sources of Statistics, State Statistical Abstracts, and Foreign Statistical Abstracts

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1979 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 901-905) and foreign statistical abstracts (see pp. 906 and 907) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, DC. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

### Bureau of the Census Publications

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the *Bureau of the Census Catalog*, published annually and available from the Superintendent of Documents.

Abortions—see Vital Statistics.

**Accidents**—see also Health; Insurance; and Vital Statistics

#### *U.S. Government*

##### Bureau of Labor Statistics

Handbook of Labor Statistics. 1989.

Injuries to Construction Laborers. 1986.  
(Bulletin No. 2252.)

Injuries in the Logging Industry. 1984.  
(Bulletin No. 2203.)

Injuries Involving Longshore Operations.  
1989. (Bulletin No. 2326.)

Injuries Resulting From Falls From Elevations. 1984. (Bulletin No. 2195.)

Injuries Resulting From Falls On Stairs.  
1984. (Bulletin No. 2214.)

Injuries to Warehouse Workers. 1986.  
(Bulletin No. 2257.)

Occupational Injuries and Illnesses in the  
United States by Industry. Annual.

##### Department of Transportation

Transportation Safety Information Report.  
Quarterly.

#### **Accidents**—Con.

##### *U.S. Government*—Con.

##### Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in the United States. Annual.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

##### Mine Safety and Health Administration

Informational Reports by Mining Industry:  
Coal; Metallic Minerals; Nonmetallic Minerals (except stone and coal);  
Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

##### National Center for Health Statistics

Vital Statistics of the United States.  
Annual.

Volume I, Natality

Volume II, Mortality

Volume III, Marriage and Divorce

##### National Transportation Safety Board

Accidents. Annual.

**Accidents—Con.***Other*

Metropolitan Life Insurance Company, New York, NY

Health and Safety Education.  
Statistical Bulletin. Quarterly.

National Fire Protection Association,  
Quincy, MA  
Fire Journal. Bimonthly.

National Safety Council, Chicago, IL  
Accident Facts. Annual.

**Agriculture—see also** Food; Foreign Commerce; Labor; Money and Banking; and Population

*U.S. Government*

Bureau of the Census

Census of Agriculture. Quinquennial.  
(1987, most recent.)

U.S. Commodity Exports and Imports as  
Related to Output. Annual. (Series  
ES2.)

Bureau of the Census and Bureau of Mines  
Raw Materials in the United States Economy;  
1900-1977. (Issued 1980. Working  
Paper No. 47.)

Bureau of Reclamation

Summary Statistics:

Vol. I, Water, Land, and Related Data.

Vol. II, Finances and Physical Features.

Vol. III, Project Data.

Commodity Futures Trading Commission  
Annual Report.

Commitments of Traders in Commodity  
Futures. Monthly.

Department of Agriculture

Agricultural Chartbook. Annual.

Agricultural Income and Finance. Quarterly.

Agricultural Finance Statistics, 1960-83.  
(Statistical Bulletin No. 706.) April  
1984.

Agricultural Outlook. 11 issues per year.

Agricultural Price Reports. Reports on  
prices received for farm commodities,  
prices paid for farm supplies, indexes  
and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

The Agricultural Work Force of 1987: A  
Statistical Profile. (Agricultural Economic  
Report No. 609.) May 1989.

Conversion Factors and Weights and  
Measures for Agricultural Commodities  
and Products. March 1979. (Statistical  
Bulletin No. 616.)

**Agriculture—Con.***U.S. Government—Con.*

Department of Agriculture—Con.

Crop Production Reports. Acreage, yield,  
and production of various commodities.  
Monthly and annual.

Crop Values Report. Price and value of  
various commodities. Annual.

Economic Indicators of the Farm Sector.  
A series of 5 annual issues.

Farmline. 11 issues per year.

Food Consumption, Prices, and Expenditures,  
1966-87. (Statistical Bulletin No.  
773.) Revised annually.

Foreign Agricultural Trade of the United  
States (FATUS). 6 issues with annual  
supplements on calendar year and  
fiscal year trade data.

Fruit and Vegetable Reports. Acreage,  
yield, production, value, and utilization  
of various fruits and vegetables. Periodic.

Journal of Agricultural Economics Research.  
Quarterly.

Livestock and Livestock Products. Reports  
pertaining to cattle, cattle on  
feed, hogs and pigs, lamb crop, livestock  
slaughter, sheep and goats, and  
wool and mohair. Periodic.

Major Uses of Land in the United States,  
1982. 1985.

Milk and Dairy Products Reports. Milk  
cows, milk production, and dairy products.  
Monthly and annual.

Other Reports. Reports on varied items  
including cold storage, farm employment  
and wages, farm production expenditures,  
mink, mushrooms, and floriculture crops.  
Monthly and annual.

Poultry and Egg Reports. Reports covering  
eggs, chickens, turkeys, hatcheries,  
egg products, and poultry slaughter.  
Weekly, monthly, annual.

Rural Development Perspectives. 3  
issues per year.

Situation Reports. Issued for cotton and  
wool, dairy, feed, fruit, agricultural resources,  
livestock and poultry, oil crops,  
rice, aquaculture, sugar and sweeteners,  
tobacco, vegetables, wheat, and world  
agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives.  
Annual.

Statistics on Oilseeds and Related Data,  
1965-82. (Statistical Bulletin No. 695.)

Stock Reports. Stocks of grain, hops,  
peanuts, potatoes, rice, and soybeans.  
Quarterly, annual, periodic.

Weekly Weather and Crop Bulletin.  
Report summarizing weather and its  
effect on crops the previous week.

**Agriculture—Con.***U.S. Government—Con.*

- Farm Credit Administration
  - Annual Report.
  - Loans and Discounts of Farm Credit Banks and Associations. Annual.
- National Oceanic and Atmospheric Administration
  - Weekly Weather and Crop Bulletin. National summary.
- Soil Conservation Service
  - National Resources Inventory, 1982. Periodic.
  - Report of Administrator of Soil Conservation Service. Annual.

Air Force—*see* National Defense.

Air Pollution—*see* Environment.

Aliens—*see* Immigration.

American Samoa—*see* Outlying Areas.

Area—*see* Geography.

Army—*see* National Defense.

Aviation—*see* Transportation.

Banks and Banking—*see* Money.

Births—*see* Vital Statistics.

Broadcasting—*see* Communications.

Building Permits—*see* Construction.

**Business**—*see also* Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Science Resources; and Service Establishments

*U.S. Government*

- Administrative Office of the United States Courts
  - Annual Report of the Director.
- Board of Governors of the Federal Reserve System
  - Federal Reserve Bulletin. Monthly.
- Bureau of the Census
  - Census of Retail Trade. Quinquennial. (1987, most recent.)
  - Census of Service Industries. Quinquennial. (1987, most recent.)
  - Census of Wholesale Trade. Quinquennial. (1987, most recent.)
  - County Business Patterns. Annual.
  - Characteristics of Business Owners. 1982.
  - Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, BW.

**Business—Con.***U.S. Government—Con.*

## Bureau of the Census—Con.

Minority-Owned Businesses. Quinquennial. (1982, most recent.)

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

## Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1986. 1987.

The Detailed Input-Output Structure of the U.S. Economy, 1977. 1984.

Fixed Reproducible Tangible Wealth in the United States, 1925-85. 1987.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-1982: Statistical Tables. 1986.

Selected Data on U.S. Direct Investment Abroad, 1950-88. 1989.

Summary Input-Output Tables of the U.S. Economy: 1980, 1981, 1982, and 1983. 1989.

Survey of Current Business. Monthly.

## Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

## Federal Trade Commission

Mergers & Acquisitions, 1972-1974. 1978.

## Internal Revenue Service

Statistics of Income.

Corporation Income Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

## International Trade Administration

U.S. Industrial Outlook. Annual.

## Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Patenting Trends in the United States, State Country Report, 1963-1988.

Technology Assessment and Forecast Report - "All Technologies". Annual.

## Securities and Exchange Commission

Annual Report.

Statistical Review. Monthly. (Discontinued February 1989.)

## Small Business Administration

Annual Report.

**Business—Con.***Other*

- The Conference Board, New York, NY  
Economic Road Maps. Monthly.
- The Dun & Bradstreet Corporation, New York, NY  
The Business Failure Record. Annual.  
Monthly Business Starts Report.  
Monthly Business Failure Report.  
Monthly New Business Incorporations Report.  
Quarterly Survey of Business Expectations.
- Fortune (Time, Inc.), New York, NY  
The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)
- National Bureau of Economic Research, Cambridge, MA  
Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL.)  
The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Welfare, No. 47.) (University of Chicago Press, Chicago, IL.)

Child Welfare—*see* Education; *and* Social Insurance.

City Government—*see* State and Local Government.

Civil Service—*see* Federal Government; *and* State and Local Government.

**Climate—*see also* Agriculture***U.S. Government*

- National Oceanic and Atmospheric Administration  
Climatology of the United States, No. 20, Supplement No. 1, Freeze/Frost Data.
- Climatology of the United States, No. 81: Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1951-80. 1982. Issued by State.
- Climatological Data. Issued in sections for States and outlying areas. Monthly with annual summary.
- Comparative Climatic Data Through 1987.
- General Summary of Tornadoes. Annual.
- Hourly Precipitation Data. Monthly with annual summary; for each State.
- Local Climatological Data. Monthly with annual summary; for major cities.
- Storm Data. Monthly.

**Climate—Con.***U.S. Government—Con.*

- National Oceanic and Atmospheric Administration—Con.
- Weekly Weather and Crop Bulletin. National summary.
- Commerce—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Transportation.
- Commodity Prices—*see also* Economic Indexes**

*U.S. Government*

- Board of Governors of the Federal Reserve System  
Federal Reserve Bulletin. Monthly.
- Bureau of Labor Statistics  
Consumer Prices: Energy and Food. Monthly.  
CPI Detailed Report. Monthly.  
Handbook of Labor Statistics. 1989.  
Monthly Labor Review.  
Producer Price Indexes. Monthly, with annual supplement.  
Relative Importance of Components in the Consumer Price Indexes. Annual.  
U.S. Import and Export Price Indexes. Monthly.

## Department of Agriculture

- Agricultural Price Reports. Monthly and annual.
- Agricultural Statistics. Annual.

*Other*

- Commodity Research Bureau, a Knight-Ridder Business Information Service, New York, NY  
Commodity Year Book Statistical Abstract Service. (3 editions annually.)  
CRB Commodity Index Report. Weekly.  
CRB Commodity Year Book. Annual.  
CRB Futures Chart Service. Weekly.  
CRB Outlook. Monthly.  
Electronic Futures Trend Analyzer. Daily.  
Futures Market Service. Weekly.
- Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Saturdays, Sundays, and holidays.

**Communications—*see also* Newspapers***U.S. Government*

- Federal Communications Commission  
Annual Report.  
Statistics of Communications Common Carriers. Annual.

**Communications—Con.***U.S. Government—Con.*

Rural Electrification Administration  
Annual Statistical Report—Rural Telephone Borrowers.

U.S. Postal Service  
Annual Report of the Postmaster General.  
Cost and Revenue Analysis. Annual.

*Other*

John Blair & Company, New York, NY  
Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., New York, NY  
Book Industry Trends. Annual.

Broadcasting Publications, Inc., Washington, DC  
Broadcasting Magazine. Weekly.  
Broadcasting Cable Yearbook.

Corporation for Public Broadcasting, Washington, DC

Average Revenue Profiles for Public Broadcasting Stations.

Public Broadcasting Income. Annual.

Public Broadcasting Stations' Income from State Governments and State Colleges & Universities Ranked State-By-State.

Public Broadcasting: Statistical Brief. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Editor & Publisher Co., New York, NY  
International Year Book. Annual.  
Market Guide. Annual.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Electronics Foreign Trade Five-Year Summary. Annual.

Radio Advertising Bureau, New York, NY  
Radio Facts. Annual.

United States Telephone Association, Washington, DC

Statistics of the Independent Telephone Industry. Annual.

Warren Publishing, Inc., Washington, DC  
Cable Action Update. Weekly.  
Cable and Station Coverage Atlas. Annual.  
Television Action Update. Weekly.

**Communications—Con.***Other—Con.*

Warren Publishing, Inc., Washington, DC—Con.

Television and Cable Factbook. Annual.

**Construction, Housing, and Real Estate—see also Money and Roads***U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

*Bureau of Census*

Census of Construction Industries. Quinquennial. (1987, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential Construction in Selected Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Construction Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits, C40 (monthly and annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six biennial reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1980.

*Bureau of Economic Analysis*

Business Conditions Digest. Monthly.

Business Statistics: 1986. 1987.

Fixed Reproducible Tangible Wealth in the United States, 1925-85. 1987.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-82: Statistical Tables. 1986.

Survey of Current Business. Monthly.

*Bureau of Labor Statistics*

Current Wage Developments. Monthly.

Employment and Earnings. Monthly.

**Construction, Housing, and Real Estate—Con.***U.S. Government—Con.*

## Bureau of Labor Statistics—Con.

Employment, Hours, and Earnings, United States, 1909-84. 1985. (Bulletin No. 1312-12.)

Injuries to Construction Laborers. 1986. (Bulletin No. 2252.)

Monthly Labor Review.

Occupational Employment in Mining, Construction, Finance, and Services. 1989. (Bulletin No. 2330.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

## Department of Housing and Urban Development

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

## Department of Veterans Affairs

Loan Guaranty Highlights. Quarterly.—Trend Data 1964-1988.

## Energy Information Administration

Residential Energy Consumption Survey: Housing Characteristics. Triennial.

## International Trade Administration

Construction Review. Bimonthly.

## Office of Thrift Supervision

Annual Report.

Savings and Home Financing Source Book. Annual.

*Other*

Dodge, F.W., National Information Services Division, McGraw-Hill Information Systems Co., New York, NY

Dodge Construction Potentials. Monthly.

NATIONAL ASSOCIATION OF REALTORS, Washington, DC

Existing Home Sales. Monthly.

**Consumer Income and Expenditures, and Personal Income—see also Agriculture; Economic Indexes; Investments; and National Income***U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

## Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P-60.)

Current Population Reports. (Series on Household Economic Studies, P-70.)

**Consumer Income and Expenditures, and Personal Income—Con.***U.S. Government—Con.*

## Bureau of the Census—Con.

Special Studies Reports. (Series on Special Studies, P-23.)

## Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1986. 1987.

Handbook of Cyclical Indicators. 1984.

Local Area Personal Income, 1981-86.

Annual personal income by type of income and by major industries, and population, and per capita income, for States, counties, and metropolitan areas. Nine volumes. 1988.

Survey of Current Business. Monthly.

## Bureau of Labor Statistics

Consumer Expenditure Survey: Interview Survey, 1984. 1986. (Bulletin No. 2267.)

Consumer Expenditure Survey: Interview Survey, 1984-88. 1989. (Bulletin No. 2332.)

Consumer Expenditure Survey: Integrated Survey Data, 1984-86. (Bulletin No. 2333.)

Handbook of Labor Statistics. 1989.

## Congressional Budget Office

The Changing Distribution of Federal Taxes: 1975-1990. October 1987.

Trends in Family Income: 1970-1986. February 1988.

## Internal Revenue Service

Statistics of Income.

Individual Income Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

## National Science Foundation

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables. Biennial.

Characteristics of Recent Science/Engineering Graduates. Detailed Statistical Tables. Biennial.

Profiles—Aeronautical/Astronautical Engineering, Agricultural Science, Biological Sciences, Chemical Engineering, Chemistry, Computer Sciences, Economics, Electrical/Electronic Engineering, Mechanical Engineering, and Psychology: Human Resources and Funding. Special Reports. (NSF 89-314, 89-319, 89-318, 89-312, 87-307, 88-324, 88-333, 88-326, 87-309, and 88-325, respectively.)

Science Resources Studies Highlights. Frequent.

**Consumer Income and Expenditures, and Personal Income—Con.***U.S. Government—Con.*

## National Science Foundation—Con.

More Recent Science and Engineering (S/E) Graduates Finding S/E Jobs. (NSF 88-310.)

Pace of Retirements of Ph.D. Scientists and Engineers Shows Gradual Increase. (NSF 89-305.)

Scientists and Engineers Now Account for Over 4 Percent of Total U.S. Employment. (NSF 87-313.)

U.S. Scientists and Engineers. Detailed Statistical Tables. Biennial.

Women and Minorities in Science and Engineering. Report. Biennial.

## Social Security Administration

Trends since 1960 In the Economic Status of Aged Men and Women. (Research and Statistics Note No. 3. 1983.)

*Other*

American Financial Services Association, Washington, DC

AFSA Annual Research Report and Second Mortgage Lending Report on Finance Companies. Annual.

AFSA Annual Research Report and Second Mortgage Lending Report Supplements. Annual.

Finance Facts Yearbook. Annual. (Discontinued in 1988.)

Consumer Prices—*see* Commodity Prices.

Corporations—*see* Business; *and* Manufactures.

Correctional Institutions—*see* Law Enforcement.

Cost of Living—*see* Commodity Prices.

Courts—*see* Law Enforcement.

Crime—*see* Law Enforcement.

Crops—*see* Agriculture.

Deaths—*see* Vital Statistics.

Defense—*see* National Defense.

Divorce—*see* Vital Statistics.

Domestic Trade—*see* Retail and Wholesale Trade; *and* Service Establishments.

**Economic Indexes—*see also* Agriculture; Business; Commodity Prices; Manufactures; *and* Science Resources***U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Banks. Monthly review published by each Bank with special reference to its own Federal Reserve District.

Federal Reserve Bulletin. Monthly. (Also monthly releases on industrial production indexes.)

## Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1986. 1987.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-82: Statistical Tables. 1986.

Survey of Current Business. Monthly.

## Bureau of Labor Statistics

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

## Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

*Other*

The Conference Board, New York, NY

The Conference Board Statistical Bulletin. Monthly.

National Bureau of Economic Research, Cambridge, MA

The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL.)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Wealth, No. 47.) (University of Chicago Press, Chicago, IL.)

**Education—*see also* Science Resources; *and* Vocational Rehabilitation***U.S. Government*

## Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Population Characteristics, P-20; and Special Studies, P-23.)

Finances of Public School Systems. Annual. (GF No. 10.)

**Education—Con.***U.S. Government—Con.***Bureau of Labor Statistics**

Educational Attainment of Workers, March 1982-83. 1984. (Bulletin No. 2191.)

Handbook of Labor Statistics. 1989.

How Workers Get Their Training. 1985. (Bulletin No. 2226.)

Labor Force Statistics Derived From the Current Population Survey, 1948-87. 1988. (Bulletin No. 2307.)

Occupational Projections and Training Data. Biennial.

Students, Graduates, and Dropouts, October 1980-82. 1983. (Bulletin No. 2192.)

**Department of Education**

Annual Report.

Inflation Measures for Schools and Colleges. September 1983.

**Employment and Training Administration**

Employment and Training Report of the President. Annual.

**National Center for Education Statistics**

Associate Degrees and Other Formal Awards Below the Baccalaureate. Annual.

College and University Library Survey. (1985, most recent.)

The Condition of Education. Annual.

Digest of Education Statistics. Annual.

Earned Degrees Conferred. Annual.

Faculty Salaries, Tenure, and Benefits. Annual.

Fall Enrollment in Colleges and Universities. Annual.

High School and Beyond. Reports issued on 1980 high school sophomores and seniors and their transition to further education and labor force participation.

National Longitudinal Study. Reports issued on high school seniors from class of 1972 and their transition to higher education and the labor force.

Participation in Adult Education. (1984, most recent.)

Projections of Education Statistics. Annual.

Residence and Migration of College Students. (1986, most recent.)

Revenues and Expenditures for Public Elementary and Secondary Education. Annual.

**National Science Foundation**

Academic Science/Engineering: Graduate Enrollment and Support. Detailed Statistical Tables. Annual.

**Education—Con.***U.S. Government—Con.***National Science Foundation—Con.**

Academic Science/Engineering: R&D Funds. Detailed Statistical Tables. Annual.

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables. Biennial.

Characteristics of Recent Science/Engineering Graduates. Detailed Statistical Tables. Biennial.

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. A report to the President and Congress. Detailed Statistical Tables. Annual.

National Patterns of Science and Technology Resources. Report. Annual.

Profiles—Aeronautical/Astronautical Engineering, Agricultural Science, Biological Sciences, Chemical Engineering, Chemistry, Computer Science, Economics, Electrical/Electronic Engineering, Mechanical Engineering, and Psychology: Human Resources and Funding. Special Reports. (NSF 89-314, 89-319, 89-318, 89-312, 87-307, 88-324, 88-333, 88-326, 87-309, and 88-325, respectively.)

Science and Engineering Doctorates. Detailed Statistical Tables. Annual.

Science and Engineering Indicators. Report. Biennial.

Science and Engineering Personnel: A National Overview. Report. Biennial.

Science and Technology Data Book. Report. Annual.

Science Resources Studies Highlights. Frequent.

Doctoral Awards in the Sciences Reached Record High in 1988. (NSF 89-302.)

Engineering Doctoral Awards Reached Record High in 1987. (NSF 88-334.)

Foreign Students Account for Most Growth in Graduate Science and Engineering Enrollment. (NSF 88-316.)

Growth Rate in Non-Federal Academic R&D Support Exceeds That in Federal Support in Last Decade. (NSF 89-309.)

Non-Federal Sources Lead Growth in Academic Research Instrumentation Support. (NSF 88-391.)

Real Growth in Academic R&D Spending Slowed to 2% in FY 1987, Down from 9% in 1986. (NSF 88-314.)

Real Increase in 1988 National R&D Funds Estimated at Lowest Rate in Eleven Years. (NSF 88-303.)—



**Education—Con.***U.S. Government—Con.***National Science Foundation—Con.**

Recent-Doctorate Faculty Increase in Engineering and Some Science Fields. (NSF 87-310.)

Universities Report Improvement in Computer and Physical Science Instrumentation, but Deterioration in Engineering. (NSF 87-316.)

Women and Minorities in Science and Engineering. Report. Biennial.

**Office for Civil Rights**

Racial, Ethnic and Sex Enrollment Data, From Institutions of Higher Education. Fall 1982. Biennial.

State and National Summaries of Data from the Fall 1982 Civil Rights Survey of Elementary and Secondary Schools. Biennial.

*Other*

American Council on Education, Washington, DC

A Fact Book on Higher Education. Quarterly.

National Norms for Entering College Freshmen. Annual.

Bowker (R.R.) Company, New York, NY

American Library Directory. Annual.

Book Publishing Annual. (1985, most recent.)

Bowker Annual Library and Book Trade Almanac.

Chronicle of Higher Education, Inc., Washington, DC

Almanac. Annual.

College Entrance Examination Board, New York, NY

National Report on College-Bound Seniors. Annual.

National Catholic Educational Association, Washington, DC

Catholic Schools in America. Annual.

United States Catholic Elementary and Secondary Schools. Annual.

National Education Association, Washington, DC

Estimates of School Statistics. Annual.

Rankings of the States. Annual.

Status of the American Public School Teacher, 1985-86. Quinquennial.

Research Associates of Washington, Washington, DC

Higher Education Price Indexes. Annual.

State Profiles: Financing Public Higher Education. Annual.

**Elections***U.S. Government***Bureau of the Census****Congressional District Data:**

1980 Census of Population and Housing, PHC80-4, Congressional Districts of the 98th and 99th Congress.

1980 Census of Population and Housing, PC80-SI-8, Congressional District Profiles, 98th Congress.

Current Population Reports. (Series P-20, Voting and Registration in the Election of November 19--. Biennial survey; and P-25, Projections of the Population of Voting Age for States: November 19--. Biennial projection.)

**Commission on Civil Rights**

The Economic Status of Americans of Asian Descent. 1985.

The Voting Rights Act: Unfulfilled Goals. 1981.

**Congress. Clerk of the House**

Statistics of the Presidential and Congressional Election Years. Biennial.

**Congress. Joint Committee on Printing**

Congressional Directory. Biennial.

*Other*

The Council of State Governments, Lexington, KY

The Book of the States and its Supplement I, State Elective Officials and the Legislatures. Biennial.

State Legislative Leadership, Committees, and Staff. Biennial.

Elections Research Center, Washington, DC

America Votes. A handbook of contemporary American election statistics, compiled and edited by Richard M. Scammon and Alice V. McGillivray. Biennial.

Joint Center for Political Studies, Washington, DC

Black Elected Officials: A National Roster. Annual.

Michigan, The University of, Center for Political Studies, Institute for Social Research, Ann Arbor, MI

Who Voted and for Whom. Biennial.

National Association of Latino Elected and Appointed Officials, Washington, DC

National Roster of Hispanic Elected Officials. Annual.

**Elections—Con.***Other—Con.*

Pharos Books/World Almanac, New York, NY

The World Almanac and Book of Facts. Annual.

World Almanac of U.S. Politics. 1989.

Electric Utilities—*see* Energy.

Emigration—*see* Immigration.

Employment—*see* Federal Government; Labor; and State and Local Government.

**Energy**—*see also* Communications; Manufactures; Minerals; and Transportation

*U.S. Government*

Bureau of the Census

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Bureau of the Census and Bureau of Mines  
Raw Materials in the United States Economy: 1900-1977. (Issued 1980. Working Paper No. 47.)

Bureau of Labor Statistics

CPI Detailed Report. Monthly.

Consumer Prices: Energy and Food. Monthly.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Energy Information Administration

Annual Energy Outlook.

Annual Energy Review.

Coal Distribution. Quarterly.

Coal Production. Annual.

Cost and Quality of Fuels for Electric Utility Plants. Annual.

Electric Power Annual.

Electric Power Monthly.

Energy Conservation Indicators. Annual.

Financial Statistics of Selected Electric Utilities. Annual.

Historical Plant Cost and Annual Production Expenses for Selected Electric Plants. 1987.

Inventory of Power Plants in the United States. Annual.

International Energy Annual.

Monthly Energy Review.

Natural Gas Annual.

Natural Gas Monthly.

Performance Profiles of Major Energy Producers. Annual.

Petroleum Marketing Monthly.

Petroleum Supply Annual.

Petroleum Supply Monthly.

Quarterly Coal Report.

**Energy—Con.***U.S. Government—Con.*

Energy Information Administration—Con.

Residential Energy Consumption Survey: Consumption and Expenditures. Triennial.

Residential Transportation Energy Consumption Survey. Triennial.

Short-Term Energy Outlook. Quarterly.

Solar Collector Manufacturing Activity. Annual.

State Energy Data Report. Annual.

State Energy Price and Expenditure Report. Annual.

Statistics of Interstate Natural Gas Pipeline Companies. Annual.

Typical Electric Bills. Annual.

Uranium Industry Annual.

U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves. Annual.

Weekly Coal Production.

National Science Foundation

Federal R&D Funding by Budget Function. Report. Annual.

Science and Engineering Indicators. Report. Biennial.

Rural Electrification Administration

Annual Statistical Report—Rural Electrification Borrowers.

*Other*

American Gas Association, Arlington, VA

Gas Facts. Annual.

Gas Stats:

Monthly Gas Utility Statistical Report.

Quarterly Report of Gas Industry Operations.

American Petroleum Institute, Washington, DC

The Basic Petroleum Data Book. Triennial.

The Center for Strategic and International Studies, Washington, DC

Bioenergy and Economic Development: Planning for Biomass Energy Programs in the Third World. 1985.

Forecasting U.S. Electricity Demand: Trends and Methodologies. 1985.

Global Security: A Review of Strategic and International Issues. 1987.

International Security Yearbook, 1984/85. 1985.

National Security and Strategic Minerals. 1985.

The Planetary Product in 1982. (World Economic Output, 1970-1982.) 1983.

**Energy—Con.***Other—Con.*

The Center for Strategic and International Studies, Washington, DC—Con.

The Strategic Consequences of the Oil Price Collapse. 1987.

The Strategic Dimension of Military Manpower. 1987.

The United States and The World Economy. 1985.

Edison Electric Institute, Washington, DC  
Electric Power Annual Report.

Statistical Yearbook of the Electric Utility Industry. Annual.

McGraw-Hill Publications Co., New York, NY

Electrical World Directory of Electric Utilities. Annual.

National Coal Association, Washington, DC  
Steam-Electric Plant Factors. Annual.

Carl H. Pforzheimer & Co., New York, NY  
Comparative Oil Company Statistics, 1988-1987.

U.S. Council for Energy Awareness, Washington, DC

Historical Profile of the U.S. Nuclear Power Development.

Nuclear Power Information: Key Issues.  
Uranium. 1983.

**Environment***U.S. Government*

Bureau of the Census

Current Industrial Report, Survey of Pollution Abatement Costs and Expenditures, series MA-200.

Council on Environmental Quality

Environmental Quality. Annual.

Environmental Trends. 1981.

Environmental Protection Agency

Air Quality Data. Annual.

Cost of Clean Water. Annual.

Federal Certification Test Results for Motor Vehicles. Annual.

Municipal Water Facilities Inventory. Quinquennial.

National Air Pollutant Emission Estimates, 1940-86.

Needs Survey, Conveyance and Treatment of Municipal Wastewater Summaries of Technical Data. Biennial.

Pesticides Monitoring Journal. Quarterly.

Radiation Data and Reports. Monthly.

Sewage Facility Construction. Annual.

**Environment—Con.***U.S. Government—Con.*

Environmental Protection Agency—Con.

Summary of Water Enforcement Actions Pursued by EPA since December 3, 1970. (Updated continuously.)

Geological Survey

Estimated Use of Water in the United States in 1985, 1987. (Geological Survey Circular 1004.)

A Statistical Summary of Data from the U.S. Geological Survey's National Water Quality Networks. (Open-File Report 83-533.)

*Other*

The Conservation Foundation, Washington, DC

The Coastal Almanac, by Paul L. Ringold and John Clark. 1980.

State of the Environment: A View Toward the Nineties. 1987.

State of the Environment: An Assessment at Mid-Decade. 1984.

State of the Environment. 1982.

Executions—*see* Law Enforcement.

Exports—*see* Foreign Commerce.

Family Characteristics—*see* Population.

Farms and Farm Characteristics—*see* Agriculture.

**Federal Government Finances and Employment**—*see also* Elections; Science Resources; *and* State and Local Government

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Federal Expenditures by State for Fiscal Year. Annual.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1986, 1987.

Handbook of Cyclical Indicators. 1984.

Survey of Current Business. Monthly.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Council on Environmental Quality

Environmental Quality. Annual.

**Federal Government Finances and Employment—Con.***U.S. Government—Con.*

- Department of Labor
  - Annual Report of the Secretary.
- Department of the Treasury
  - Consolidated Financial Statements of the United States Government. (Prototype.)
  - Daily Treasury Statement.
  - Monthly Statement of the Public Debt of the United States.
  - Monthly Treasury Statement of Receipts and Outlays of the United States Government.
  - Statistical Appendix to Annual Report of the Secretary of the Treasury on the State of the Finances Through 1980.
  - Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.
  - United States Government Annual Report and Appendix.

*Internal Revenue Service*

- Annual Report of the Commissioner and Chief Counsel.
- Statistics of Income.
  - Corporation Income Tax Returns. Annual.
- Statistics of Income Bulletin. Quarterly.

*National Science Foundation*

- Federal Funds for Research and Development. (Includes geographic distribution and funding by function.) Detailed Statistical Tables. Annual.
- Federal R&D Funding by Budget Function. Report. Annual.
- Federal Scientists and Engineers. Detailed Statistical Tables. Annual.
- Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. A report to the President and Congress. Detailed Statistical Tables. Annual.
- International Science and Technology Data Update. Report. Annual.
- National Patterns of R&D Resources. Report. Annual.
- Science and Technology Data Book. Report. Annual.
- Science and Engineering Indicators. Report. Biennial.

*Office of Management and Budget*

- The Budget of the United States Government. Annual.

*Office of Personnel Management*

- Affirmative Employment Statistics. Biennial. (Even Years.)
- Compensation Report. Annual.
- Employment by Geographic Area. Biennial. (Even Years.)

**Federal Government Finances and Employment—Con.***U.S. Government—Con.**Office of Personnel Management—Con.*

- Employment and Trends. Bimonthly. (Odd Months.)
- Occupations of Federal White-Collar and Blue-Collar Workers. Biennial. (Odd Years.)
- Pay Structure of the Federal Civil Service. Annual.
- Work Years and Personnel Costs. Annual.

*Other*

- Advisory Commission on Intergovernmental Relations, Washington, DC
  - A Catalog of Federal Grant-in-Aid Programs to State and Local Governments, FY 87. 1987. Every 3 years.
  - Changing Public Attitudes on Governments and Taxes. Annual.
  - Fiscal Discipline in the Federal System: National Reform and the Experience of the States. 1987.
  - Significant Features of Fiscal Federalism. Annual.
  - The 1986 Federal Tax Reform Act: Its Effect on Both Federal and State Personal Income Tax Liabilities.
- Moody's Investors Service, New York, NY
  - Moody's Municipal and Government Manual. Annual with semiweekly supplements.
- National Bureau of Economic Research, Cambridge, MA
  - The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL.)
- Tax Foundation, Inc., Washington, DC
  - Facts and Figures on Government Finance. Annual.

Finance—*see* Federal Government; Investments; Money; *and* State and Local Government.

**Fisheries***U.S. Government*

- Department of Agriculture
  - Agricultural Outlook. June 1989.—
- National Oceanic and Atmospheric Administration, National Marine Fisheries Service
  - Fisheries of the United States. Annual.
  - Fishery Statistics of the United States. (Statistical Digest.) Annual.

**Fisheries—Con.***U.S. Government—Con.*

National Oceanic and Atmospheric Administration, National Marine Fisheries Service—Con.

Marine Recreational Fishery Statistical Survey, Atlantic and Gulf Coasts. Annual.

Marine Recreational Fishery Statistical Survey, Pacific Coast. Annual.

**Food—see also Agriculture***U.S. Government*

## Bureau of the Census

Canned Food Report. (Issued five times a year.) (Last report, July 1981.)

## Bureau of Labor Statistics

Consumer Expenditure Survey: Interview Survey, 1984. 1986. (Bulletin No. 2267.)

Consumer Expenditure Survey: Interview Survey, 1984-87. 1989. (Bulletin No. 2332.)

Consumer Expenditure Survey: Integrated Survey Data, 1984-87. 1989. (Bulletin No. 2333.)

Consumer Prices: Energy and Food. Monthly.

CPI Detailed Report. Monthly.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Producer Price Indexes. Monthly, with annual supplement.

## Department of Agriculture

Agricultural Outlook. 11 issues per year.

Food Consumption, Prices, and Expenditures, 1966/87. (Statistical Bulletin No. 773.) Revised annually.

Food Cost Review. 1987. (Agricultural Economic Report No. 596.) Revised annually.

National Food Review. Quarterly.

## Department of Agriculture, Food and Nutrition Service

Annual Historical Review:

Food and Nutrition Service Programs.

Food Program Update. Monthly.

## Department of Agriculture, Science and Education Administration.

Family Economics Review. Quarterly.

*Other*

American Frozen Food Institute, Burlingame, CA

Frozen Food Pack Statistics. Annual.

**Food—Con.***Other—Con.*

National Food Processors Association, Washington, DC

Canned Fruit and Vegetable Pack and Stock Situation Reports. Monthly.

**Foreign Commerce—see also Economic Indexes; and International Accounts and Aid***U.S. Government*

## Army, Corps of Engineers

Waterborne Commerce of the United States (in five parts). Annual.

## Bureau of the Census

Highlights of U.S. Export and Import Trade. Monthly; includes cumulative data. (FT 990.)

Summary of U.S. Export and Import Merchandise Trade. Monthly; includes cumulative data. (FT 900.)

Survey of the Origin of Exports of Manufacturing Establishments. Triennial. (Current Industrial Reports M76(AS)-8.)

U.S. Airborne Exports and General Imports. Monthly and annual. (FT 986.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES 2.)

U.S. Exports of Domestic Merchandise, SIC-Based Products by World Areas. Annual. (FT 610.)

U.S. Exports, Schedule B Commodity by Country. Annual. (FT 446.)

U.S. Exports, Schedule E Commodity by Country. Monthly; includes cumulative data. (FT 410.)

U.S. Exports, Schedule E Commodity Groupings by World Area and Country. Annual. (FT 450.)

U.S. Exports, World Area and Country by Schedule E Commodity Groupings. Annual. (FT 455.)

U.S. General Imports and Imports for Consumption, Schedule A Commodity by Country. Monthly; includes cumulative data. (FT 135.)

U.S. General Imports, Schedule A Commodity Groupings by World Area and Country. Annual. (FT 150.)

U.S. General Imports, World Area by Schedule A Commodity Groupings. Annual. (FT 155.)

U.S. Imports, SIC-Based Products. Annual. (FT 210.)

U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country of Origin. Annual. (FT 246.)

**Foreign Commerce—Con.***U.S. Government—Con.***Bureau of the Census—Con.**

U.S. Trade with Puerto Rico and U.S. Possessions. Monthly and Annual. (FT 800.)

U.S. Waterborne Exports and General Imports. Monthly and Annual. (FT 985.)

**Bureau of Economic Analysis**

Business Statistics: 1986. 1987.

Survey of Current Business. Monthly. (June issue contains detailed data on merchandise trade.)

U.S. Merchandise Trade: Exports and Imports by End-Use Category. Annually.

**Department of Agriculture**

Foreign Agricultural Trade of the United States (FATUS). Bimonthly with annual supplements on calendar year and fiscal year trade statistics.

World Indices of Agricultural and Food Production. Annual.

**Department of Commerce**

Commerce America. Biweekly. (Issues in March, June, September, and December contain quarterly data on U.S. share of world exports of manufactures.)

Export Administration Report, East-West Trade: Quarterly Report to the President, Senate, and House of Representatives.

**Department of the Treasury**

Statistical Appendix to Annual Report of the Secretary of the Treasury on the State of the Finances through 1980.

**Energy Information Administration**

Annual Energy Review.

Monthly Energy Review.

**International Trade Administration**

Overseas Business Reports. Irregular.

U.S. Trade Performance and Outlook. Annual.

**Maritime Administration**

Annual Report.

Containerized Cargo Statistics. Annual.

United States Oceanborne Foreign Trade Routes. Annual.

**National Science Foundation**

International Science and Technology Data Update. Report. Annual.

Science and Engineering Indicators. Report. Biennial.

Science and Technology Data Book. Report. Annual.

The Science and Technology Resources of Japan: A Comparison With the

**Foreign Commerce—Con.***U.S. Government—Con.***National Science Foundation—Con.**

United States. Special Report. (NSF 88-318.)

The Science and Technology Resources of West Germany: A Comparison with the United States. Special Report. (NSF 86-310.)

*Other*

Aerospace Industries Association of America, Washington, DC

Exports of Aerospace Products. Quarterly.

Imports of Aerospace Products. Quarterly.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

**Forests and Lumber—see also Economic Indexes***U.S. Government***Bureau of the Census**

Census of Manufactures. Quinquennial. (1987, most recent.)

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

**Bureau of Labor Statistics**

Injuries in the Logging Industry. 1984. (Bulletin No. 2203.)

**Department of Agriculture**

Agricultural Statistics. Annual.

**Forest Service**

Analysis of the Timber Situation in the United States: 1989-2040. Forthcoming.

Part I: The Current Resource and Use Situation

Part II: The Future Resource Situation  
Land Areas of the National Forest System. Annual.

U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-87. Annual.

**International Trade Administration**

Construction Review. Bimonthly.

*Other*

American Paper Institute, Inc., New York, NY

Statistics of Paper, Paperboard, and Wood Pulp. Annual.

Wood Pulp and Fiber Statistics. Annual.

**Forests and Lumber—Con.***Other—Con.*

National Forest Products Association,  
Washington, DC  
Statistical Roundup.

Gas Utilities—*see* Energy.

**Geography**—*see also* Environment and Public Lands

*U.S. Government*

Bureau of the Census

Census of Population. Decennial. (1980, most recent.) Metropolitan Statistical Areas, 1983. (PC80-S1-18.) Urbanized Areas, 1980. (PC80-S1-14.)

United States Maps, Series GE-50 and GE-70—Statistical and outline maps.

Geological Survey

Elevations and Distances in the United States. 1989.

Estimated Use of Water in the United States in 1985. 1987. (Geological Survey Circular 1004.)

National Gazetteer of the United States. 1984. (Issued by State.) (Geological Survey Professional Paper 1200.)

State Hydrologic Unit Maps. 1987. (Geological Survey Water Supply Paper 2294.)

Government—*see* Federal Government; *and* State and Local Government.

Guam—*see* Outlying Areas.

Health Insurance—*see* Insurance.

**Health and Medical Care**—*see also* Accidents; Environment; Food; Insurance; Social Insurance; *and* Vital Statistics

*U.S. Government*

Bureau of the Census

Social Indicators, 1980.

Bureau of Labor Statistics

CPI Detailed Report. Monthly.

Employee Benefits in Medium and Large Firms. Biennial.

Employee Benefits in State and Local Governments. Biennial.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Centers for Disease Control

Morbidity and Mortality Weekly Report. (HHS Pub. No. CDC 90-8017.)

Department of Agriculture, Food and Nutrition Service

Annual Historical Review:

Food and Nutrition Service Programs.

**Health and Medical Care—Con.***U.S. Government—Con.*

Department of Agriculture, Food and Nutrition Service—Con.

Food Program Update. Monthly.

Department of Veterans Affairs

Annual Report of The Secretary of Veterans Affairs.

Female Veterans' Usage of VA Hospitalization. July 1987.

Profile of Veterans Administration Extended Care Programs: 1974-1986. July 1987.

Summary of Medical Programs. September 1988. Quarterly.

Trend Data 1964-1988.

Department of Health and Human Services  
Annual Report.

Cancer Incidence and Mortality in the United States, 1973-81. Revised November 1984.

Drug Enforcement Administration

Drug Abuse and Law Enforcement Statistics. Irregular.

Health Care Financing Administration

Annual Medicare Program Statistics. Annual.

Health Care Financing Program Statistics. Medicare and Medicaid data. Annual.

Health Care Financing Research Reports. Occasional.

Health Care Financing Review. Quarterly.

National Center for Health Statistics

Health: United States. Annual. (DHHS Pub. No. PHS 86-1232.)

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 10: Health Interview Survey Statistics. Irregular.

Current Estimates from the Health Interview Survey. Annual.

Series 11: Health and Nutrition Examination Survey Statistics. Irregular.

Series 13: Health Resources Utilization Statistics. Irregular.

Series 14: Health Resources: Manpower and Facilities Statistics. Irregular.

National Institute on Drug Abuse

Drug Abuse Warning Network. 1983.

High School Senior Survey. 1975-1984.

National Drug and Alcoholism Treatment Utilization Survey. 1982.

National Household Survey on Drug Abuse. 1982. 1985.

**Health and Medical Care—Con.***U.S. Government—Con.*

Social Security Administration  
Social Security Bulletin. Monthly with annual statistical supplement.

*Other*

American Dental Association, Chicago, IL  
Dental Statistics Handbook. Triennial.  
Dental Students' Register. Annual.  
Distribution of Dentists in the United States by Region and State. Triennial.  
Survey of Dental Practice. Annual.

American Hospital Association, Chicago, IL  
Hospital Statistics. Annual.

American Medical Association, Chicago, IL  
Physician Characteristics and Distribution in the U.S. Annual.

Reference Data on the Profile of Medical Practice. Annual.

U.S. Medical Licensure Statistics, and License Requirements. Annual.

American Nurses Association, Kansas City, MO

Facts About Nursing: A Statistical Summary. Annual.

American Osteopathic Association, Chicago, IL

Yearbook and Directory of Osteopathic Physicians. Annual.

Medical Economics, Oradell, NJ

Physicians' Earnings and Expenses. Published annually in Medical Economics magazine.

Metropolitan Life Insurance Company, New York, NY

Health and Safety Education.  
Statistical Bulletin. Quarterly.

Hospitals—*see* Health.

Hotels—*see* Service Establishments.

Household Appliances—*see* Construction, Housing, and Real Estate.

Housing—*see* Construction.

**Immigration and Naturalization***U.S. Government*

Department of State, Bureau of Consular Affairs

Report of the Visa Office. Annual. (Dept. of State Pub. 8810.)

Department of Transportation

Report of Passenger Travel Between the United States and Foreign Countries. Annual, semiannual, quarterly, monthly.

**Immigration and Naturalization—Con.***U.S. Government—Con.*

Immigration and Naturalization Service

I&N Reporter. Quarterly.

Statistical Yearbook of the Immigration and Naturalization Service. Annual.

National Science Foundation

Foreign Citizens in U.S. Science and Engineering: History, Status, and Outlook. Special Report. (NSF 86-305, revised.)

Foreign Students Account for Most Growth in Graduate Science and Engineering Enrollment. Science Resources Studies Highlights. (NSF 88-316.)

Immigrant Scientists and Engineers. Detailed Statistical Tables. Annual.

Science and Engineering Doctorates. Detailed Statistical Tables. Annual.

Imports—*see* Foreign Commerce.

Income—*see* Consumer Income; *and* National Income.

Industry—*see* Business; Economic Indexes; *and* Manufactures.

Institutions—*see* Education; Health; *and* Law Enforcement.

**Insurance—*see also* Social Insurance**

*U.S. Government*

Department of Veterans Affairs

Annual Report of The Secretary of Veterans Affairs.

Government Life Insurance Programs for Veterans and Members of the Service. Annual.

Trend Data 1964-1988.

*Other*

American Council of Life Insurance, Washington, DC

Life Insurance Fact Book. Biennial.

Health Insurance Association of America, Washington, DC

Source Book of Health Insurance Data. Annual (odd years.) Update (even years.)

Insurance Information Institute, New York, NY

Insurance Facts. Annual.

The National Underwriter Co., Cincinnati, OH

Argus Chart. Health insurance company financial data. Annual.

Argus F.C. & S. Chart. Property and liability insurance company financial data. Annual.



**Insurance—Con.***Other—Con.*

The National Underwriter Co., Cincinnati, OH—Con.

Life Rates and Data. Premiums, values, dividends, and contract analysis by company. Annual.

Life Reports. Life company financial data. Annual.

Timesaver. Health insurance costs and contract analysis by company. Annual.

**International Accounts and Aid***U.S. Government*

Agency for International Development

U.S. Overseas Loans and Grants and Assistance From International Organizations. Annual.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Economic Analysis

Business Statistics: 1986, 1987.

Survey of Current Business. Monthly. (March, June, September, and December issues contain data on U.S. international transactions. Articles on the net U.S. investment position abroad, direct investments, travel, and other topics appear periodically in other issues.)

U.S. Merchandise Trade: Exports and Imports by End-Use Category. Annually.

Department of Defense

Foreign Military Sales and Military Assistance Facts. Annual.

Department of State

United States Contribution to International Organizations. Issued in the House Documents series. Annual.

Department of the Treasury

Active Foreign Credits of the United States Government. Quarterly.

Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.

Export-Import Bank of the United States

Annual Report.

Report to the U.S. Congress on Export Credit Competition and the Export-Import Bank of the United States. Annual.

National Advisory Council on International Monetary and Financial Policies

Annual Report to the President and to the Congress.

**International Accounts and Aid—Con.***U.S. Government—Con.*

Office of Management and Budget

The Budget of the United States Government. Annual.

U.S. Arms Control and Disarmament Agency

World Military Expenditures and Arms Transfers. Annual.

*Other*

International Monetary Fund, Washington, DC

Annual Report.

Balance of Payments Statistics. Monthly with annual yearbook.

Direction of Trade Statistics. Monthly with annual yearbook.

Government Finance Statistics Yearbook.

International Financial Statistics. Monthly with annual yearbook.

The World Bank, Washington, DC

Annual Report.

World Bank Atlas. 1987.

World Debt Tables. 1986-87.

World Development Report. 1987.

World Tables: The Third Edition.

**International Statistics—see also International Accounts***U.S. Government*

Bureau of the Census

Country Demographic Profiles. (Series ISP-30.)

International Population Reports. Irregular. (Series P-91.)

Social Indicators, 1980.

World Population Profile: 1989 (most recent).

Bureau of Labor Statistics

Handbook of Labor Statistics. 1989.

International Comparisons of Hourly Compensation Costs for Production Workers in Manufacturing. Annual.

International Comparisons of Manufacturing Productivity and Labor Cost Trends. Annual.

Monthly Labor Review.

U.S. Department of State Indexes of Living Costs Abroad, Quarters Allowances, and Hardship Differentials. Quarterly.

Energy Information Administration

International Energy Annual.

**International Statistics—Con.***U.S. Government—Con.*

## Internal Revenue Service

Statistics of Income Bulletin. Quarterly.  
(Includes periodic reports on international income and taxes.)

Compendium of Studies of International Income and Taxes, 1979-1983.

## National Science Foundation

International Science and Technology Data Update. Report. Annual.

Science and Engineering Indicators. Report. Biennial.

Science and Technology Data Book. Report. Annual.

The Science and Technology Resources of Japan: A Comparison with the United States. Special Report. (NSF 88-318.)

The Science and Technology Resources of West Germany: A Comparison with the United States. Special Report. (NSF 86-310.)

*Other*

The Economist Newspaper Ltd., London, England

The Economist Diary. 1987.

World Business Cycles. 1982.

The World in Figures. 1984.

Euromonitor Publications Ltd., London, England

European Marketing Data and Statistics. Annual.

International Marketing Data and Statistics. Annual.

Food and Agriculture Organization of the United Nations, Rome, Italy

Production Yearbook.

Trade Yearbook.

Yearbook of Fishery Statistics.

Yearbook of Forest Products.

Inter-American Development Bank, Washington, DC

Annual Report.

Economic and Social Progress in Latin America. Annual Survey.

The International Institute for Strategic Studies, London, England

The Military Balance. Annual.

International Labour Office, Geneva, Switzerland

Economically Active Population: Estimates and Projections 1950-2025, Vols. 1-6. 3rd Edition. 1986.

Yearbook of Labour Statistics. 1987.

**International Statistics—Con.***Other—Con.*

International Monetary Fund, Washington, DC

International Financial Statistics. Monthly with annual yearbook.

Jane's Information Group, Coulsdon, UK and Alexandria, VA

Jane's Air-Launched Weapons. Annual.

Jane's All the World's Aircraft. Annual.

Jane's Armour and Artillery. Annual.

Jane's Avionics. Annual.

Jane's Fighting Ships. Annual.

Jane's Infantry Weapons. Annual.

Jane's Merchant Ships. Annual.

Jane's Military Communications. Annual.

Jane's Military Logistics. Annual.

Jane's Military Training Systems. Annual.

Jane's NATO Handbook. Annual.

Jane's Spaceflight Directory. Annual.

Jane's Weapon Systems. Annual.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

World Motor Vehicle Data. Annual.

Organization for Economic Cooperation and Development, Paris, France

Annual Oil Market Report.

Coal Information. Annual.

Demographic Trends 1950-1990.

Energy Balances of OECD Countries. Annual.

Energy Prices and Taxes. Quarterly.

Energy Statistics. Annual.

Financial Market Trends. Triennial.

Financing and Delivering Health Care, 1987.

Food Consumption Statistics. Irregular.

Geographical Distribution of Financial Flows to Developing Countries.

Historical Statistics of Foreign Trade Series A. Annual.

Indicators of Industrial Activity. Quarterly.

Industrial Structure Statistics. Annual.

The Iron and Steel Industry. Annual.

Labour Force Statistics. Annual.

Latest Information on National Accounts of Developing Countries. Annual.

Living Conditions in OECD Countries. 1986.

Main Economic Indicators. Monthly.

Main Science and Technology Indicators. Biannual.

Maritime Transport. Annual.

Measuring Health Care, 1960-1983. 1985.

**International Statistics—Con.***Other—Con.*

Organization for Economic Cooperation and Development, Paris, France—Con.

Meat Balances in OECD Countries. Annual.

Milk and Milk Products Balances in OECD Countries. Annual.

National Accounts of OECD Countries. Annual.

Vol. I: Main Aggregates.

Vol. II: Detailed Tables.

OECD Economic Outlook. Bi-annual. Historical Statistics. Annual.

OECD Economic Studies. Annual for member countries.

OECD Employment Outlook. Annual.

OECD Environmental Data-Compendium 1989.

OECD Financial Statistics. Annual (3 vols.) and monthly supplements.

OECD Microtables on Foreign Trade by Commodities covering Series B (individual reporting countries) and Series C (total reporting countries). Annual from 1977.

OECD Purchasing Power Parities and Real Expenditures, 1985. (January 1988.)

Oil and Gas Information. Annual.

The Pulp and Paper Industry. Annual.

Quarterly Labor Force Statistics.

Quarterly National Accounts.

Quarterly Oil Statistics and Energy Balances.

Revenue Statistics of OECD Member Countries. Annual.

Review of Fisheries in OECD Member Countries. Annual.

Social Expenditure, 1960-1990. 1985.

Statistical Trends in Transport (ECMT).

Statistics of Area Production and Field of Crop Products in OECD Member Countries.

Statistics of Foreign Trade:

Monthly Statistics of Foreign Trade. (Series A).

Foreign Trade by Commodities. (Series C). Annual.

Tourism Policy and International Tourism in OECD Member Countries. Annual.

Uranium Resources Production and Demand. Biennial.

World Steel Trade Developments, 1960-1983. 1985.

United Nations Educational, Scientific and Cultural Organization, Paris, France  
Statistical Yearbook.

**International Statistics—Con.***Other—Con.*

United Nations Population Division, New York, NY

World Population Prospects: 1988. (ST/ESA/SER.A/106). 1989.

United Nations Statistical Office, New York, NY

Demographic Yearbook 1983. (Sales No. E/F. 84. XIII. 1.)

Energy Statistics Yearbook.

Monthly Bulletin of Statistics.

Population and Vital Statistics Report. (Statistical Papers, Series A.) Quarterly.

Statistical Yearbook.

World Energy Supplies, Supplement, 1974-79. 1981.

World Population Trends and Policies—

1981 Monitoring Policies, Vol. I Population Trends. 1982.

1981 Monitoring Policies, Vol. II Population Trends. 1982.

Yearbook of Construction Statistics.

Yearbook of International Trade Statistics.

Yearbook of National Accounts Statistics.

World Health Organization, Geneva, Switzerland

1988 World Health Statistics. Annual.

International Trade—*see* Foreign Commerce; *and* International Statistics.

**Investments and Securities**—*see also* Business; Construction; Insurance; International Accounts; *and* Money

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Commodity Futures Trading Commission  
Annual Report.

Commitments of Traders in Commodity Futures. Monthly.

Securities and Exchange Commission  
Annual Report.

Statistical Review. Monthly. (Discontinued February 1989.)

*Other*

Commercial and Financial Chronicle. (William B. Dana Co., New York, NY.) Semi-weekly.

Investment Company Institute, Washington, DC

Mutual Fund Fact Book. Annual.

**Investments and Securities—Con.***Other—Con.*

Moody's Investors Service, New York, NY  
 Moody's Manuals. (Volumes on Industrials, OTC, Banks and Finance, International, Municipals and Governments, Transportation, and Public Utilities.) Annual with semi-weekly supplements.

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL.)

New York Stock Exchange, Inc., New York, NY

Fact Book. Annual.

Shareownership, 1980, 1981, 1983, and 1985.

Securities Industry Association, New York, NY

Foreign Activity Report. Quarterly.

International Capital Markets Review. Periodic.

Investor Activity Report. Monthly.

Securities Industry Trends. Periodic.

Standard and Poor's Corporation, New York, NY

Analyst's Handbook. Annual with monthly cumulative supplements.

Corporation Records. Six basic volumes; News Supplements, daily; Dividend Record, daily, and cumulative monthly and annual.

Daily Stock Price Records. Quarterly.

Security Owner's Stock Guide. Monthly.

Statistical Service. (Security Price Index Record; business and financial basic statistics with monthly supplement.)

Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Saturdays, Sundays, and holidays.

Irrigation, Drainage, and Soil Conservation—*see* Agriculture

Juvenile Court—*see* Law Enforcement.

**Labor**—*see also* Accidents; Business; Economic Indexes; International Statistics; Science Resources; and Social Insurance

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

County Business Patterns. Annual.

**Labor—Con.***U.S. Government—Con.*

Bureau of the Census—Con.

Current Governments Reports: Public Employment, GE No. 1 (annual); City Employment, GE No. 2 (annual); Local Government Employment in Selected Metropolitan Areas and Large Counties, GE No. 3 (annual); County Government Employment, GE No. 4 (annual).

Labor Force Status and Other Characteristics of Persons With a Work Disability: 1981-1988. (Current Population Reports, Special Studies, Series P-23, No. 160.) 1989.

Population Profile of the United States. (Annual—Series P-23.)

Social Indicators, 1980.

Women in the American Economy. (Current Population Reports, Special Studies, Series P-23, No. 146.) 1987.

Bureau of Justice Statistics and Bureau of the Census

Justice Expenditure and Employment in the U.S. Annual.

Bureau of Labor Statistics

Area Wage Surveys: Selected Metropolitan Areas. Annual.

Bargaining Calendar. Annual.

Current Wage Developments. Monthly.

Employee Benefits in Medium and Large Firms. Biennial.

Employee Benefits in State and Local Governments. Biennial.

Employment and Earnings. Monthly with annual supplement.

Employment and Earnings Characteristics of Families. Quarterly.

Employment and Wages. Annual.

Employment Cost Index. Quarterly.

Employment, Hours, and Earnings, United States, 1909-84. 1985. (Bulletin No. 1312-12.)

Employment in Perspective: Minority Workers. Quarterly.

Employment in Perspective: Women in the Labor Force. Quarterly.

The Employment Situation. Monthly.

Geographic Profile of Employment and Unemployment. Annual.

Handbook of Labor Statistics. 1989.

How Workers Get Their Training. 1985. (Bulletin No. 2226.)

Industry Wage Surveys. (Separate bulletins for selected industries; each industry on a 3- to 5-year cycle.)

**Labor—Con.***U.S. Government—Con.*

## Bureau of Labor Statistics—Con.

- Labor Force Statistics Derived from the Current Population Survey, 1948-87. 1988. (Bulletin No. 2307.)
- Linking Employment Problems to Economic Status. Annual.
- Major Collective Bargaining Settlements. Quarterly.
- Major Work Stoppages. Annual.
- Monthly Labor Review.
- National Survey of Professional, Administrative, Technical, and Clerical Pay. Annual.
- Occupational Employment in Manufacturing Industries. 1988. (Bulletin No. 2312.)
- Occupational Employment in Mining, Construction, Finance, and Services. 1986. (Bulletin No. 2264.)
- Occupational Employment in Selected Nonmanufacturing Industries. 1987. (Bulletin No. 2284.)
- Occupational Injuries and Illnesses in the United States, by Industry. Annual.
- Occupational Projections and Training Data. Biennial.
- Permanent Mass Layoffs and Plant Closings. Annual.
- Projections 2000. 1988. (Bulletin No. 2302.)
- Real Earnings. Monthly.
- State and Metropolitan Area Employment and Unemployment. Monthly.
- Weekly Earnings of Wage and Salary Workers. Quarterly.
- Work Experience of the Population in 1981-82. 1984. (Bulletin No. 2199.)

## Department of Agriculture

Farm Labor. Quarterly.

## Department of Labor

Annual Report of the Secretary.

## Employment and Training Administration

Employment and Training Report of the President. Annual.

Unemployment Insurance Claims. Weekly.

## Interstate Commerce Commission

Monthly Report of Class I Railroad Employees, by Group. (Statement No. 350.)

Wage Statistics of Class I Railroads in the United States. Annual. (Statement No. 300.)

## Maritime Administration

Employment Report of United States Flag Merchant Fleet Ocean-going Ves-

**Labor—Con.***U.S. Government—Con.*

## Maritime Administration—Con.

sels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

Seafaring Wage Rates. Biennial.

## National Science Foundation

U.S. Scientists and Engineers: 1984 Detailed Statistical Tables.

## Office of Personnel Management

Affirmative Employment Statistics. Biennial. (Even Years.)

Occupations of Federal White-Collar and Blue-Collar Workers. Biennial. (Odd Years.)

## Women's Bureau

Handbook on Women Workers. Periodic.

*Other*

Aerospace Industries Association of America, Washington, DC

Employment in the Aerospace Industry. Monthly.

Survey of Aerospace Employment. Annual.

The Bureau of National Affairs, Inc., Washington, DC

Basic Patterns in Union Contracts. Annual.

BNA's Employment Outlook. Quarterly.

BNA's Job Absence and Turnover. Quarterly.

Briefing Sessions on Employee Relations Workbook. Annual.

Calendar of Negotiations. Annual.

Directory of U.S. Labor Organizations. Annual.

82 Key Statistics on Work and Family Issues. (The National Report on Work and Family. Special Report No. 9, September 1988.)

National Labor Relations Board Election Statistics. Annual.

PPF Survey (Personnel Policies Forum.) 3 times a year.

**Law Enforcement, Courts, and Prisons***U.S. Government*

Administrative Office of the United States Courts

Annual Report of the Director ... with, as issued, Reports of the Proceedings of the Judicial Conference of the United States. Includes statistics on Federal Courts.

**Law Enforcement, Courts, and Prisons—Con.***U.S. Government—Con.***Administrative Office of the United States Courts—Con.**

Calendar Year Reports on Authorized Wiretaps. (State and Federal.)

Calendar Year Reports on the Right to Financial Privacy Act of 1978.

Federal Court Management Statistics. Annual.

Federal Offenders in U.S. District Courts. Annual.

Grand and Petit Juror Service in U.S. District Courts. Annual.

Judicial Workload Statistics. Quarterly.

**Bureau of the Census**

Census of Population. Decennial. (1980, most recent.)

Social Indicators, 1980.

**Bureau of Justice Statistics**

American Response to Crime: An Overview of Criminal Justice Systems. December 1983.

Bank Robbery: Federal Offenses and Offenders. August 1984.

Case Filing in State Courts, 1983. October 1984.

Capital Punishment. Annual.

Children in Custody: Public Juvenile Facilities, 1986. October 1986.

Crime Control and Criminal Records. July 1985.

Crime and the Elderly. November 1981.

Crime Prevention Measures. March 1986.

Crime of Rape. March 1985.

Criminal Defense Systems: A National Survey. August 1984.

Criminal Victimization. Annual.

Criminal Victimization in the United States. Annual.

Death-row Prisoners. July 1981.

Economic Cost of Crime to Victims. April 1984.

Electronic Fund Transfer Fraud: Computer Crime. April 1986.

Examining Recidivism. February 1986.

Expenditure and Employment Data for the Criminal Justice System. Annual.

Family Violence. April 1984.

Federal Drug Law Violators. February 1984.

Federal Justice Statistics. March 1982.

Growth of Appeals: 1973-83 Trends. February 1985.

Habeas Corpus. March 1984.

Household Burglary. January 1986.

Households Touched by Crime, 1987. May 1988.

**Law Enforcement, Courts, and Prisons—Con.***U.S. Government—Con.***Bureau of Justice Statistics—Con.**

Intelligence and Investigative Records: Criminal Justice Information Policy Series: April 1985.

Jail Inmates, 1987. December 1988.

Justice Agencies in the United States. May 1980.

Justice Expenditure and Employment, 1985. March 1987.

Locating City, Suburban, and Rural Crime. December 1986.

Measuring Crime. February 1981.

Parole in the United States. Annual.

Police Employment and Expenditure. February 1986.

Pretrial Release and Misconduct: Federal Offenses and Offenders. January 1986.

Prevalence of Crime. April 1981.

Prevalence of Guilty Pleas. December 1984.

Prevalence of Imprisonment. July 1985.

Prison Admissions and Releases, 1983. March 1986.

Prisoners in 1988. April 1989.

Prisoners and Alcohol. January 1983.

Prisoners and Drugs. March 1983.

Prisoners in State and Federal Institutions on December 31, 1984. February 1987.

Prisons and Prisoners. January 1982.

Probation and Parole, 1985. January 1987.

Profile of Jail Inmates. October 1980.

Profile of State Prison Inmates, 1986. January 1988.

Reporting Crime to the Police. December 1986.

Returning to Prison. November 1984.

Risk of Violent Crime. May 1985.

Severity of Crime. January 1984.

Sourcebook of Criminal Justice Statistics, 1987. September 1988.

State Court Caseload Statistics, 1977-81. February 1983.

Teenage Victims. November 1986.

Time Served in Prison and on Parole. January 1988.

Tracking Offenders, 1984. January 1988.

Tracking Offenders: The Child Victim. December 1984.

Use of Weapons in Committing Crime. January 1986.

Veterans in Prison. October 1981.

Victim and Witness Assistance: New State Laws and the System's Response. May 1983.

**Law Enforcement, Courts, and Prisons—Con.***U.S. Government—Con.*

## Bureau of Justice Statistics—Con.

Victims of Crime. December 1981.

Violent Crime by Strangers and Non-strangers. January 1987.

## Bureau of Prisons

Statistical Report. Annual through 1985.

## Drug Enforcement Administration

Drug Abuse and Law Enforcement Statistics. Irregular.

## Federal Bureau of Investigation

Crime in the United States. Annual. Supplemented by Uniform Crime Reporting, semiannual and annual summary. (Releases of preliminary crime data for the United States.)

*Other*

American Bar Foundation, Chicago, IL.

The Lawyer Statistical Report: A Statistical Profile of the U.S. Legal Profession in the 1980s. 1985.

Supplement to the Lawyer Statistical Report: The U.S. Legal Profession in 1985. 1986.

Institute for Criminal Justice Ethics, New York, NY

Criminal Justice Ethics. Semiannual.

National Center for Juvenile Justice, Pittsburgh, PA

Juvenile Court Statistics: 1985.

National Center for State Courts, Williamsburg, VA

State Court Caseload Statistics. Annual.

State Court Organization, 1987. 1988.

National Governors' Association and National Association of State Budget Officers, Washington, DC

The President's 1990 Budget: Impact on the States.

Libraries—*see* Education.

Livestock—*see* Agriculture.

Lumber—*see* Forests and Lumber.

**Manufactures—*see also* Agriculture; Business; Economic Indexes; Forests and Lumber; Investments; Labor; and Minerals**

*U.S. Government*

## Board of Governors of the Federal Reserve System

Capacity Utilization: Manufacturing, Mining, Utilities, and Industrial Materials. G.3(402). Monthly.

Federal Reserve Bulletin. Monthly.

**Manufactures—Con.***U.S. Government—Con.*

## Board of Governors of the Federal Reserve System—Con.

Industrial Production. 1986.

Industrial Production. G.12.3(414). Monthly.

## Bureau of Alcohol, Tobacco, and Firearms

Alcohol and Tobacco Summary Statistics. Annual.

## Bureau of the Census

Annual Survey of Manufactures. (1986, most recent.)

Census of Manufactures. Quinquennial. (1987, Preliminary Reports, Industry series, MC 87-1.)

Concentration Ratios in Manufacturing Industry. (1982, most recent.)

Cotton Production and Distribution. Annual.

County Business Patterns. Annual.

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Exports From Manufacturing Establishments: 1985 and 1986. (Analytical Report Series AR 86-1.)

Manufacturers' Shipments, Inventories, and Orders. Monthly. (Current Industrial Reports M3-1.)

Manufacturers' Shipments, Inventories, and Orders: 1982-88. Annual summary. (Current Industrial Reports M3-1(88).)

Plant and Equipment Expenditures and Plans. Quarterly.

Pollution Abatement Cost and Expenditures. (Current Industrial Reports MA-200.)

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

Shipments to Federal Government Agencies. (Current Industrial Reports MA-175.) (Discontinued in 1984; will be conducted for economic census years in the future; 1987 data will be available in 1990.)

Survey of Plant Capacity Utilization. (Current Industrial Reports MQ-C1.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

## Bureau of Economic Analysis

Business Statistics: 1986. 1987.

Survey of Current Business. Monthly.

## Bureau of Labor Statistics

Current Wage Developments. Monthly.

Employment and Earnings. Monthly, with annual supplements.

**Manufactures—Con.***U.S. Government—Con.*

## Bureau of Labor Statistics—Con.

Employment, Hours, and Earnings, States and Areas, 1939-82. 1984. (Bulletin No. 1370-17.) Supplement, 1980-84. 1985. (Bulletin No. 1370-19.)

Employment, Hours, and Earnings, United States, 1909-84. 1985. (Bulletin No. 1312-12.)

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Occupational Employment in Manufacturing Industries. 1988. (Bulletin No. 2312.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Producer Price Indexes. Monthly, with annual supplement.

Trends in Manufacturing: A Chartbook. 1985. (Bulletin No. 2219.)

## International Trade Administration

U.S. Industrial Outlook. Annual.

## International Trade Commission

Synthetic Organic Chemicals, U.S. Production and Sales. Annual.

## National Science Foundation

A Comparative Analysis of Information on National Industrial R&D Expenditures. Special Report. (NSF 85-311.)

Economic Outlook and Corporate Mergers Dampen Growth in Company R&D. (NSF 88-311.)

Geographic Distribution of Industrial R&D Expenditures. Special Report. (NSF 88-317.)

Modest Increase in Company R&D Funding Estimated for 1989. Science Resources Studies Highlights. (NSF 89-310.)

Research and Development in Industry. Detailed Statistical Tables. Annual.

Science and Technology Data Book. Annual.

Scientists, Engineers, and Technicians in Manufacturing Industries. Detailed Statistical Tables. Triennial.

*Other*

Aerospace Industries Association of America, Washington, DC

Aerospace Facts and Figures. Annual.

Aerospace Industry Year-End Review and Forecast. Annual.

Commercial Helicopter Shipments. Quarterly.

DOD Prime Contract Awards by Region and State. Annual.

**Manufactures—Con.***Other—Con.*

Aerospace Industries Association of America, Washington, DC—Con.

DOD Prime Contract Awards by Service Category and Federal Supply Classification. Annual.

DOD Prime Contract Awards—Top 100 Contractors. Annual.

DOD Prime Contract Awards—Top 500 Contractors for RDT&E. Annual.

Net New Orders, Shipments, and Backlog for Jet Transport Aircraft. Quarterly.

American Frozen Food Institute, Burlingame, CA

Frozen Food Pack Statistics. Annual.

American Iron and Steel Institute, Washington, DC

Annual Statistical Report.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

The Conference Board, New York, NY

Quarterly Survey of Capital Appropriations.

Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing.

Dataquest Inc., San Jose, CA

Consolidated Data Base.

Dealerscope Merchandising, Philadelphia, PA

Merchandising. Annual.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Electronics Foreign Trade Five-Year Summary. Annual.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

Motor Vehicle Facts and Figures. Annual.

National Association of Hosiery Manufacturers, Charlotte, NC

Hosiery Statistics. Annual.

National Food Processors Association, Washington, DC

Canned Fruit and Vegetable Pack and Stock Situation Reports. Monthly.

Marine Corps—*see* National Defense.

Marriage—*see* Vital Statistics.



Medical Care; Mental Health—*see* Health.

Merchant Vessels—*see* Transportation.

Military Services—*see* National Defense.

**Minerals and Metals**—*see also* Economic Indexes; Energy; Foreign Commerce; *and* Manufactures

*U.S. Government*

Bureau of the Census

Annual Survey of Oil and Gas. (Current Industrial Reports MA-13K.) (Discontinued December 1983.)

Census of Mineral Industries. Quinquennial. (1987, Preliminary Reports, Industry series MIC87-1.)

Bureau of the Census and Bureau of Mines  
Raw Materials in the United States Economy: 1900-1977. (Issued 1980. Working Paper No. 47.)

Bureau of Mines

Apparent Consumption of Industrial Explosives and Blasting Agents in the United States. Annual.

Mineral Commodity Summaries. Annual.

Mineral Industry Surveys. (Monthly, quarterly, or annual report.)

Minerals and Materials. (Bimonthly survey.)

Minerals Yearbook. Annual.

Department of the Treasury

Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.

Energy Information Administration

Annual Energy Review.

Coal Production. Annual.

Domestic Uranium Mining and Milling Industry. Annual.

International Energy Annual.

Monthly Energy Review.

Natural Gas Annual.

Petroleum Supply Annual.

Quarterly Coal Report.

U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves. Annual.

*Other*

American Bureau of Metal Statistics, Inc., Secaucus, NJ

Non-Ferrous Metal Data.

American Gas Association, Arlington, VA

Gas Facts. Annual.

Year Book.

American Metal Market, New York, NY

Daily Newspapers.

Metal Statistics. Annual.

**Minerals and Metals—Con.**

*Other—Con.*

American Petroleum Institute, Washington, DC

Quarterly Review of Drilling Statistics for the United States.

American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association

Joint Association Survey on Drilling Costs. Annual.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

Independent Petroleum Association of America, Washington, DC

IPAA Weekly Oil Trends.

IPAA Wholesale Oil Prices. Monthly.

The Oil & Natural Gas Producing Industry in Your State. Annual.

U.S. Petroleum Statistics. Semiannual.

McGraw-Hill Publications Co., New York, NY

Engineering and Mining Journal. Monthly.

Keystone Coal Industry Manual. Annual.

National Coal Association, Washington, DC

Coal Data. Annual.

PennWell Publishing Co., Tulsa, OK

Offshore. Monthly.

Oil and Gas Journal. Weekly.

Carl H. Pforzheimer & Co., New York, NY

Comparative Oil Company Statistics, 1988-1987. Annual.

**Money and Banking**—*see also* Construction; Insurance; International Accounts; *and* Investments

*U.S. Government*

Board of Governors of the Federal Reserve System

Annual Statistical Digest.

Domestic Offices, Commercial Bank Assets and Liabilities Consolidated Report of Condition. E.3.4 (113). Quarterly.

Federal Reserve Bulletin. Monthly.

Flow of Funds Accounts: Seasonally Adjusted and Unadjusted. Z.1(780). Quarterly.

Money Stock, Liquid Assets, and Debt Measures. H.6 (508). Weekly.

Bureau of the Mint

Annual Report of the Director.

**Money and Banking—Con.***U.S. Government—Con.*

Comptroller of the Currency  
Annual Report.  
Quarterly Journal.

Department of the Treasury  
Daily Treasury Statement.

Monthly Treasury Statement of Receipts  
and Outlays of the United States Gov-  
ernment.

Statement of United States Currency and  
Coin. Monthly.

Statistical Appendix to Annual Report of  
the Secretary of the Treasury on the  
State of the Finances through 1980.

Treasury Bulletin. Monthly through 1982;  
beginning 1983, quarterly.

**Farm Credit Administration**

Annual Report on the Work of the Coop-  
erative Farm Credit System.

Production Credit Association: Summary  
of Operations. Annual.

Report to the Federal Land Bank Asso-  
ciations. Annual.

**Federal Deposit Insurance Corporation**

Annual Report.

Data Book—Operating Banks and  
Branches. Annual.

Quarterly Banking Profile.

Statistics on Banking. Annual.

Trust Assets of Insured Commercial  
Banks. Annual.

**National Credit Union Administration**

Annual Report.

Annual Statistics.

Midyear Statistics.

**Office of Thrift Supervision**

Annual Report.

Asset and Liability Trends. Annual.

Savings and Home Financing Source  
Book. Annual.

*Other*

Credit Union National Association, Inc.,  
Madison, WI

Credit Union Services Profile. Annual.

The Credit Union Report. Annual.

National Member Survey. 1989.

Operating Ratios and Spreads. Semian-  
nual.

William B. Dana Co., New York, NY

The Market Chronicle. Weekly.

Federal National Mortgage Association,  
Washington, DC

Annual Report.

**Money and Banking—Con.***Other—Con.*

Investment Company Institute, Washington,  
DC

Mutual Fund Fact Book. Annual.

National Council of Savings Institutions,  
Washington, DC

Fact Book of National Council of Savings  
Institutions. Annual.

National Bureau of Economic Research,  
Cambridge, MA

Financial Aspects of the United States  
Pension System, Zvi Bodie and John  
B. Shoven, editors. 1983. (University of  
Chicago Press, Chicago, IL)

The National Balance Sheet of the  
United States, 1953-80, by Raymond  
W. Goldsmith. 1982. (University of Chi-  
cago Press, Chicago, IL)

United States League of Savings Institu-  
tions, Chicago, IL

Savings Institutions Sourcebook. Annual.

Mortgages—*see* Construction; *and* Money.

Motor Carriers and Vehicles—*see* Transporta-  
tion

**National Defense**—*see also* Federal Govern-  
ment

*U.S. Government***Bureau of the Census**

Shipments to Federal Government Agen-  
cies. (Current Industrial Reports MA-  
175.) (Discontinued in 1984; will be  
conducted for economic census years  
in the future; 1987 data will be avail-  
able in 1990.)

**Department of Defense**

Annual Fact Sheet of Department of De-  
fense.

Annual Report of Secretary of Defense.

Atlas/Data Abstract for the United States  
and Selected Areas. Annual.

The Black in the Armed Forces. Statisti-  
cal Fact Book. Annual.

Five Year Defense Plan. Annual.

Foreign Military Sales and Military Assist-  
ance Facts. Annual.

Military Manpower Statistics. Quarterly.

Military Posture Report. Annual.

Prime Contract Awards. Semiannual.

Prime Contract Awards by State. Semian-  
nual.

Selected Defense Department Economic  
Indicators. Monthly.

Selected Manpower Statistics. Annual.

**National Defense—Con.***U.S. Government—Con.*

Department of Veterans Affairs  
Annual Report of the Secretary of Veterans Affairs.  
Data on Vietnam Era Veterans, 1984.

National Guard Bureau  
Annual Review of the Chief.

Office of Civil Defense  
Annual Statistical Report.

Office of Management and Budget  
The Budget of the United States Government. Annual.

Selective Service System, National Headquarters  
Semiannual Report of the Director of Selective Service

U.S. Arms Control and Disarmament Agency  
World Military Expenditures and Arms Transfers. Annual.

**National Income and Wealth—see also Consumer Income; and Money and Banking***U.S. Government*

Bureau of Economic Analysis  
Business Conditions Digest. Monthly.  
Business Statistics: 1986. 1987.  
Fixed Reproducible Tangible Wealth in the United States, 1925-85. 1987.  
Handbook of Cyclical Indicators. 1984.  
The National Income and Product Accounts of the United States, 1929-82: Statistical Tables. 1986.  
Survey of Current Business. Monthly.

Council of Economic Advisers  
Economic Indicators. Monthly.  
Economic Report of the President. Annual.

Internal Revenue Service  
Statistics of Income Bulletin. Quarterly.

*Other*

National Bureau of Economic Research, Cambridge, MA  
The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL)  
The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Wealth, No. 47.) (University of Chicago Press, Chicago, IL)

Naturalization—see Immigration.

Navy—see National Defense.

**Newspapers, Periodicals, and Books—see also Communications***U.S. Government*

Bureau of the Census  
Annual Survey of Manufactures. (1986, most recent.)  
Census of Manufactures. Quinquennial. (1987, most recent.)

Library of Congress  
Annual Report.

*Other*

Book Industry Study Group, Inc., New York, NY  
Book Industry Trends. Annual.

Bowker (R.R.) Company, New York, NY  
Library Journal. Bimonthly.  
Publishers Weekly.  
School Library Journal. Monthly.

Editor & Publisher Co., New York, NY  
International Year Book.  
Market Guide. Annual.

Gale Research Inc., Fort Lauderdale, FL  
Gale Directory of Publications. 1988.

Nutrition—see Food and Health.

Occupation—see Labor; Population; and Social Insurance.

**Outlying Areas—see also Foreign Commerce***U.S. Government*

Bureau of the Census  
Census of Agriculture. Quinquennial. (1987, most recent.)  
Census of Housing. Decennial. (1980, most recent.)  
Census of Population. Decennial. (1980, most recent.)  
Current Population Reports. (Series on Population Estimates, P-25.)  
Economic Censuses of Outlying Areas. Quinquennial. (1982, most recent.)  
Guam. (OAC82-6.)  
Puerto Rico. (OAC82-1 to 4.)  
Virgin Islands of the U.S. (OAC82-5.)

Bureau of Mines  
Minerals Yearbook. Annual.

National Center for Education Statistics  
Digest of Education Statistics. Annual.  
Statistics of Public Elementary and Secondary School Systems. Fall. Annual.

**Outlying Areas—Con.***U.S. Government—Con.*

National Center for Health Statistics  
Vital Statistics of the United States.  
Annual.  
Volume I, Natality  
Volume II, Mortality  
Volume III, Marriage and Divorce

*Other*

Puerto Rico Planning Board, San Juan, PR  
Balance of Payments—Puerto Rico.  
Annual.  
Economic Report to the Governor.  
Annual.  
Income and Product. Annual.  
Selected Indices of Economic and Social  
Progress. Statistical Yearbook.  
Socioeconomic Statistics. Annual.

Paper—*see* Forests and Lumber.

Parks—*see* Public Lands.

Pensions—*see* Social Insurance.

Petroleum—*see* Energy and Minerals.

**Population and Population Characteristics—  
*see also* Labor and Vital Statistics***U.S. Government*

Bureau of the Census  
Census of Agriculture. Quinquennial.  
(1987, most recent.)  
Census of Population. Decennial. (1980,  
most recent.)  
Current Population Reports. (Series on  
Population Characteristics, P-20; Special  
Studies, P-23; Population Estimates  
and Projections, P-25; Local  
Population Estimates, P-26; Special  
Censuses, P-28; Consumer Income, P-  
60; and Household Economic Studies,  
P-70.)  
Social Indicators, 1980.

## Bureau of Labor Statistics

Employment and Earnings. Monthly, with  
annual supplement.  
Handbook of Labor Statistics. 1989.  
Labor Force Statistics Derived From the  
Current Population Survey, 1948-87.  
1988. (Bulletin No. 2307.)  
Monthly Labor Review.  
Work Experience of the Population in  
1981-82. 1984. (Bulletin No. 2199.)

## Department of Veterans Affairs

Annual Report of The Secretary of Veter-  
ans Affairs.  
Data on Vietnam Era Veterans, 1984.  
Disability Compensation, Pension, and  
Death Pension Data. Semiannual.

**Population and Population Characteristics—  
Con.***U.S. Government—Con.*

## Department of Veterans Affairs—Con.

1987 Survey of Veterans.  
Selected Compensation and Pension  
Data by State of Residence. Annual.  
State and County Veteran Population.  
Annual.  
Survey of Female Veterans.  
Veteran Population Data. Semiannual.

*Other*

Population Association of America, Alexan-  
dria, VA  
Demography. Quarterly.  
Population Index. (Princeton University,  
Princeton, NJ, Woodrow Wilson School  
of Public and International Affairs for  
the Population Association of America,  
Inc.) Quarterly.

Postal Service—*see* Communications.

Power—*see* Energy.

Prices—*see* Commodity Prices; and Economic  
Indexes.

Prisons and Prisoners—*see* Law Enforcement.

Public Assistance—*see* Social Insurance.

**Public Lands and Park Systems—*see also*  
Federal Government; and Recreation**

*U.S. Government*

Bureau of Land Management  
Public Land Statistics. Annual.  
General Services Administration  
Inventory Report on Real Property  
Leased to the United States Through-  
out the World. Annual.  
Inventory Report on Real Property  
Owned by the United States Through-  
out the World. Annual.  
National Park Service  
Federal Recreation Fee Report. Annual.-  
National Park Statistical Abstract. Annual.

*Other*

National Association of State Park Direc-  
tors, Texas Parks and Wildlife Depart-  
ment, Austin, TX  
Annual Information Exchange.

Public Utilities—*see* Communications; Energy;  
and Transportation.

Puerto Rico—*see* Outlying Areas.

Radio—*see* Communications.

Railways—*see* Transportation.

Real Estate—*see* Agriculture; *and* Construction.

Reclamation Projects—*see* Agriculture.

**Recreation**—*see also* Public Lands

*U.S. Government*

Bureau of the Census

Census of Transportation. Quinquennial. (1982, most recent.)

Social Indicators, 1980.

Bureau of Economic Analysis

The National Income and Product Accounts of the United States, 1929-82: Statistical Tables. 1986.

Survey of Current Business. Monthly.

Department of Transportation

U.S. International Air Travel Statistics. Annual.

Fish and Wildlife Service

Federal Aid in Fish and Wildlife Restoration. Annual.

National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Quinquennial. (1985 most recent.)

National Endowment for the Arts

Research Division Notes Nos. 3, 4, 5, 10, 13, and 15. 1983-1986.

National Park Service

Federal Recreation Fee Report. Annual.

National Park Statistical Abstract. Annual.

*Other*

Association of Racing Commissioners International, Inc., Lexington, KY

Statistical Reports on Greyhound Racing in the United States. Annual.

Statistical Reports on Horse Racing in the United States. Annual.

Statistical Reports on Jai Alai in the United States. Annual.

National Golf Foundation, Jupiter, FL

Golf Consumer Profile, Volume II. 1989.

Golf Course Maintenance Report. 1987.

Golf Facilities in the United States. 1989.

Golf Participation in the United States. 1989.

Golf Projections 2000. 1989.

National Marine Manufacturers Association, Chicago, IL

America's Boating Business.

Boating. (A Statistical Report on America's Top Family Sport.) Annual.

State Boat Registration. Annual.

**Recreation**—Con.

*Other*—Con.

National Sporting Goods Association, Mt. Prospect, IL

The Sporting Goods Market in 1989. Annual.

Sports Participation in 1988. Annual.

Resources for the Future, Inc., Washington, DC

Statistics on Outdoor Recreation. 1984.

Part I: The Record Through 1956

Part II: The Record Since 1956

**Religious Bodies**

*Other*

American Jewish Committee and the American Jewish Publication Society, New York, NY

American Jewish Year Book.

Glenmary Research Center, Atlanta, GA

Churches and Church Membership in the United States 1980, by B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver. 1982.

National Council of the Churches of Christ in the U.S.A., New York, NY

Yearbook of American and Canadian Churches. Annual.

Research and Development—*see* Scientific Resources.

**Retail and Wholesale Trade**—*see also* Commodity Prices; Economic Indexes; *and* Service Establishments

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Annual Retail Trade Report.

Annual Wholesale Trade Report.

Census of Retail Trade. Quinquennial. (1987, most recent.)

Census of Wholesale Trade. Quinquennial. (1987, most recent.)

County Business Patterns. Annual.

Merchant Wholesalers—Measures of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenses. (1982, most recent.)

Monthly Retail Trade Report. Sales and Inventories.

Monthly Wholesale Trade Report. Sales and Inventories.

Selected Characteristics of Retail Trade—Measures of Value Produced, Capital Expenditures, Depreciable

**Retail and Wholesale Trade—Con.***U.S. Government—Con.*

## Bureau of the Census—Con.

Assets, and Operating Expenses.  
(1982, most recent.)

## Bureau of Economic Analysis

Business Statistics: 1986, 1987.

Survey of Current Business. Monthly.

## Bureau of Labor Statistics

CPI Detailed Report. Monthly.

Current Wage Developments. Monthly.

Employment and Earnings. Monthly, with annual supplement.

Employment, Hours, and Earnings, United States, 1909-84, 1985. (Bulletin No. 1312-12.)

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Occupational Employment in Selected Nonmanufacturing Industries. 1987. (Bulletin No. 2284.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Producer Price Indexes. Monthly, with annual supplement.

Productivity Measures for Selected Industries and Government Services. Annual.

## International Trade Administration

Franchising in the Economy. Annual. (Last issued 1988.)

U.S. Industrial Outlook. Annual.

*Other*

Dealerscope Merchandising, Philadelphia, PA

Merchandising. Annual.

Lebhar-Friedman, Inc., New York, NY

Accounting Today. Biweekly.

Apparel Merchandising. Monthly.

Chain Store Age Executive. Census Issue, August 1989. Monthly.

Discount Store News. July 1989, Statistical Issue. Biweekly.

Drug Store News. May 1989, Statistical Issue. Biweekly.

National Home Center News. May 1989, 2 Statistical Issues. Biweekly.

Nation's Restaurant News. August 1989, Statistical Issue. Weekly.

Market Statistics, New York, NY

The Survey of Buying Power Data Service. Annual.

National Restaurant Association, Washington, DC

Foodservice Industry Forecast. Annual.

**Retail and Wholesale Trade—Con.***Other—Con.*

National Restaurant Association, Washington, DC—Con.

Foodservice Industry in Review. Annual.

Foodservice Market Measure. Monthly in Restaurants USA.

Foodservice Numbers: A Statistical Digest for the Foodservice Industry. 1986.

Restaurant Industry Operations Report. Annual.

Restaurants USA. Monthly.

Survey of Wage Rates for Hourly Employees. Biennial.

Wages and Benefits for Salaried Employees and Executives in Foodservice. Triennial.

Roads—*see* Transportation.

Sales—*see* Retail and Wholesale Trade.

Savings—*see* Consumer Income; *and* Money.

Savings Institutions—*see* Money.

**Science Resources***U.S. Government*

## Bureau of the Census

Current Industrial Reports, MA37D. (Changed from Quarterly to Annual January 1984.)

Energy Research and Development Administration

The Nuclear Industry. Annual.

National Aeronautics and Space Administration

Annual Procurement Report.

The Civil Service Work Force.

## National Science Foundation

A Comparative Analysis of Information on National Industrial R&D Expenditures. Special Report. (NSF 85-311.)

Academic Science/Engineering: Graduate Enrollment and Support and R&D Funds. Detailed Statistical Tables. Annual.

Academic Science and Engineering: R&D Funds. Detailed Statistical Tables. Annual.

Biotechnology Research and Development Activities in Industry: 1984 and 1985. Special Report. (NSF 87-311.)

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables. Biennial.

Characteristics of Recent Scientists and Engineers. Detailed Statistical Tables. Biennial.

**Science Resources—Con.***U.S. Government—Con.***National Science Foundation—Con.**

- Doctoral Scientists and Engineers: A Decade of Change. Special Report. (NSF 88-302.)
- Federal Funding by Budget Function. Report. Annual.
- Federal R&D Funding by Budget Function. Report. Annual.
- Federal Funds for Research and Development. Detailed Statistical Tables. Annual.
- Federal Scientists and Engineers. Detailed Statistical Tables. Annual.
- Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. Detailed Statistical Tables. Annual.
- Foreign Citizens in U.S. Science and Engineering: History, Status, and Outlook. Special Report. (NSF 86-305, revised.)
- Geographic Distribution of Industrial R&D Expenditures. Special Report. (NSF 88-317.)
- Geographic Patterns of R&D Expenditures. Special Report. (NSF 89-317.)
- Immigrant Scientists and Engineers. Detailed Statistical Tables. Annual.
- International Science and Technology Data Update. Report. Annual.
- National Patterns of R&D Resources. Report. Annual.
- Profiles—Aeronautical/Astronautical Engineering, Agricultural Science, Biological Sciences, Chemical Engineering, Chemistry, Computer Sciences, Economics, Electrical/Electronic Engineering, Mechanical Engineering, and Psychology: Human Resources and Funding. Special Reports. (NSF 89-314, 89-319, 89-318, 89-312, 87-307, 88-324, 88-333, 88-326, 87-309, and 88-325, respectively.)
- Research and Development in Industry. Detailed Statistical Tables. Annual.
- Science and Engineering Doctorates. Detailed Statistical Tables. Annual.
- Science and Engineering Indicators. Report. Biennial.
- Science and Engineering Personnel: A National Overview. Report. Biennial.
- Science and Technology Data Book. Report. Annual.
- Science and Technology Resources in American Industry. Special Report. (NSF 88-321.)
- The Science and Technology Resources of Japan: A Comparison with the United States. Special Report. (NSF 88-318.)
- The Science and Technology Resources of West Germany: A Comparison with

**Science Resources—Con.***U.S. Government—Con.***National Science Foundation—Con.**

- the United States. Special Report. (NSF 86-310.)
- Science Resources Studies Highlights. Frequent.
- Corporate Mergers Implicated in Slowed R&D Spending. (NSF 89-316.)
- Doctoral Awards in the Sciences Reached Record High in 1988. (NSF 89-302.)
- Economic Outlook and Corporate Mergers Dampen Growth in Company R&D. (NSF 88-311.)
- Engineering Doctoral Awards Reached Record High in 1987. (NSF 88-334.)
- Foreign Students Account for Most Growth in Graduate Science and Engineering Enrollment. (NSF 88-316.)
- Growth Rate in Non-Federal Academic R&D Support Exceeds That in Federal Support Over Last Decade. (NSF 89-309.)
- Industrial Biotechnology R&D Performance Increased an Estimated 12 Percent in 1987 to \$1.4 Billion. (NSF 88-306.)
- Modest Increase in Company R&D Funding Estimated for 1989. (NSF 89-310.)
- More Recent Science and Engineering (S/E) Graduated Finding S/E Jobs. (NSF 88-310.)
- Non-Federal Sources Lead Growth in Academic Research Instrumentation Support. (NSF 88-391.)
- Pace of Retirements of Ph.D. Scientists and Engineers Show Gradual Increase. (NSF 89-305.)
- Real Growth in Academic R&D Spending Slowed to 2% in FY 1987, Down from 9% in 1986. (NSF 88-314.)
- Real Increase in 1988 National R&D Funds Estimated at Lowest Rate in Eleven Years. (NSF 88-303.)
- Scientists and Engineers Now Account for Over 4 Percent of Total U.S. Employment. (NSF 88-313.)
- Services Led in Private Industry Growth in Science/Engineering Jobs but Manufacturing Rebounds and Tops 1 Million in 1987. (NSF 88-304.)
- Services-Producing Industries Should Lead in Growth of Science/Engineering Jobs Through the Year 2000. (NSF 88-328.)
- Substantial Shift Toward Slower R&D Growth Reported for Decade's End. (NSF 89-301.)

**Science Resources—Con.***U.S. Government—Con.*

## National Science Foundation—Con.

Universities Report Improvement in Computer and Physical Science Instrumentation, but Deterioration in Engineering. (NSF 87-316.)

Scientific and Engineering Research Facilities at Universities and Colleges. (NSF 88-320.)

U.S. Scientists and Engineers. Detailed Statistical Tables. Biennial.

Women and Minorities in Science and Engineering. Report. Biennial.

## Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Technology Assessment and Forecast Reports "All Technologies" and State/Country Report. Annual.

*Other*

National Academy of Sciences, Washington, DC

Science, Engineering, and Humanities Doctorates in the United States. Biennial.

Summary Report. Doctorate Recipients from United States Universities. Annual.

Securities—*see* Investments; *and* Money.

**Service Establishments—*see also* Retail and Wholesale Trade***U.S. Government*

## Bureau of the Census

Census of Service Industries. Quinquennial. (1987, most recent.)

Monthly Selected Services Receipts. (Series BS.) (Discontinued December 1981.)

Motor Freight Transportation and Warehousing Survey. Annual.

Selected Characteristics of Selected Service Industries—Capital Expenditures, Depreciable Assets, and Operating Expenses. (1982, most recent.)

Services Annual Survey Report.

## Internal Revenue Service

Statistics of Income. (Annual report on Corporation Income Tax Returns. Periodic compendiums on Studies of International Income and Taxes.)

Statistics of Income Bulletin. Quarterly.

**Service Establishments—Con.***Other*

Decker Communications, Inc., New York, NY

Marketing Communications. (Advertising.) Monthly.

Laventhol & Horwath, Philadelphia, PA

The Executive Conference Center: A Statistical and Financial Profile. Annual.

Gaming Industry Study. Annual.

Lifecare Industry. Annual. (Analysis of facilities by size and section of the country for selected financial data, resident census information, and medical costs.)

National Trends of Business in the Lodging Industry. Monthly. (Analysis of nationwide trends in sales, occupancy, and room rates of hotels, motor hotels, and economy lodging facilities.)

Separate reports on the segments of lodging industries. Annuals. (Reports covering economy, all-suite, and resort.)

U.S. Lodging Industry. Annual. (Report on hotel and motor hotel operations.)

Worldwide Lodging Industry. Annual. (Report on international hotel operations.)

Pannell Kerr Forster, Houston, TX

Clubs in Town and Country. Annual.

Trends in the Hotel Industry, International Edition. Annual.

Trends in the Hotel Industry, U.S.A. Edition. Annual.

**Social Insurance and Human Services—*see also* Insurance; *and* Labor***U.S. Government*

## Bureau of the Census

Census of Governments. Quinquennial. (1987, most recent.)

Consolidated Federal Funds Report. Annual.

Federal Expenditures by State

Volume I County Areas

Volume II Subcounty Areas

Current Population Reports (series P-60, Consumer Income.)

Finances of Employee-Retirement Systems of State and Local Governments. Annual. (GF No. 2.)

Finances of Selected Public Employee Retirement Systems. Quarterly. (GR Nos. 1-4.)

Social Indicators, 1980.



**Social Insurance and Human Services—Con.***U.S. Government—Con.***Bureau of Labor Statistics**

Employee Benefits in Medium and Large Firms. Biennial.

Employee Benefits in State and Local Governments. Biennial.

**Department of Health and Human Services**  
Annual Report.

Income of the Population 55 and Over. 1984.

**Department of Labor**

Annual Report of the Secretary.

**Department of Veterans Affairs**

Annual Report of The Secretary of Veterans Affairs.

Government Life Insurance Programs for Veterans and Members of the Services. Annual.

Trend Data 1964-1988.

**Employment and Training Administration**

Unemployment Insurance Claims. Weekly.

**Family Support Administration**

AFDC: 1979 Recipient Characteristics Study. (Part I, Demographic & Program Statistics, 1982.) (Part II, Financial Circumstances of AFDC Families, 1982.)

Public Assistance Recipients in Metropolitan Statistical Areas—February 1984 and February 1985.

Quarterly Public Assistance Statistics. Annual.

**Health Care Financing Administration**

Annual Medicare Program Statistics.

Health Care Financing Program Statistics. Medicare and Medicaid data. Annual.

Health Care Financing Review. Quarterly.

**Office of Personnel Management**

Compensation Report. Annual.

Employment and Trends. Bimonthly. (Odd Months.)

**Rehabilitation Services Administration**

Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year. Annual.

Characteristics of Clients Rehabilitated in Fiscal Year. Annual.

State Vocational Rehabilitation Agency Program Data in Fiscal Year. Annual.

**Railroad Retirement Board, Chicago, IL**

Annual Report.

Monthly Benefit Statistics.

Statistical Supplement to the Annual Report.

**Social Insurance and Human Services—Con.***U.S. Government—Con.***Social Security Administration**

Benefits and Beneficiaries Under Public Employee Retirement Systems, 1986, Social Security Bulletin, May 1989.

Cash Benefits for Short-Term Sickness: Thirty-Five Years of Data, 1948-83, Social Security Bulletin, May 1986.

Characteristics of Social Security Disability Insurance Beneficiaries, 1985. 1988.

Characteristics of State Assistance Programs for SSI Recipients. January 1989.

Effects of the OASDI Benefit Increase, December 1988, Social Security Bulletin, June 1989.

Income and Resources of the Population 55 and over, 1986. 1988.

1982 New Beneficiary Survey Findings, Social Security Bulletin, 1983-87.

Private Social Welfare Expenditures, 1972-85, Social Security Bulletin, August 1988.

Public Social Welfare Expenditures, Fiscal Year 1986, Social Security Bulletin, February 1989.

Social Security Beneficiaries by State and County. Annual.

Social Security Bulletin. Monthly with annual statistical supplement. (Data on OASDHI, Supplemental Security Income, Aid to Families with Dependent Children, Medicaid, Low Income Home Energy Assistance, Food Stamps, black lung benefits, and other programs.)

Social Security Programs in the United States, Social Security Bulletin, July 1989.

Supplemental Security Income, State and County Data. Annual.

Workers' Compensation Coverage, Benefits, and Costs, 1986, Social Security Bulletin, March 1989.

Workers' Compensation: 1981-84 Benchmark Data, Social Security Bulletin, July 1988.

*Other*

AAFRF Trust For Philanthropy, New York, NY

Giving USA. Annual.

American Red Cross, Washington, DC  
Annual Report.

Boy Scouts of America, National Council, Irving, TX

Annual Report.

Local Council Index.

**Social Insurance and Human Services—Con.***Other—Con.*

The Foundation Center, New York, NY  
The Foundation Grants Index. Edition 18.  
1989.

National Data Book. Edition 13. 1989.

Girl Scouts of the U.S.A., New York, NY  
Annual Report.

National Bureau of Economic Research,  
Cambridge, MA

Financial Aspects of the United States  
Pension System, Zvi Bodie and John  
B. Shoven, editors. 1983. (University of  
Chicago Press, Chicago, IL)

United Way of America, Alexandria, VA  
Annual Directory.

Soil Conservation—*see* Agriculture.

Sports—*see* Recreation.

**State and Local Government—*see also* Federal Government***U.S. Government*

## Bureau of the Census

Census of Governments. Quinquennial.  
(1987, most recent.)

City Employment. Annual. (GE No. 2.)

City Government Finances. Annual. (GF  
No. 4.)

County Government Employment.  
Annual. (GE No. 4.)

County Government Finances. Annual.  
(GF No. 8.)

Federal Expenditures by State. Annual.

Finances of Employee-Retirement Sys-  
tems of State and Local Governments.  
Annual. (GF No. 2.)

Finances of Public School Systems.  
Annual. (GF No. 10.)

Finances of Selected Public Employee  
Retirement Systems. Quarterly. (GR  
Nos. 1-4.)

Government Finances. Annual. Covers  
Federal, State, and local governments.  
(GF No. 5.)

Local Government Employment in Major  
County Areas. Annual. (GE No. 3.)

Local Government Finances in Major  
County Areas. Annual. (GF No. 6.)

Public Employment. Annual. (GE No. 1.)

Quarterly Summary of Federal, State,  
and Local Tax Revenue. (GT Nos. 1-  
4.)

State Government Finances. Annual. (GF  
No. 3.)

State Government Tax Collections.  
Annual. (GF No. 1.)

**State and Local Government—Con.***U.S. Government—Con.*

## Bureau of Labor Statistics

Employee Benefits in State and Local  
Governments. 1987.

Employment and Earnings. Monthly.

Employment, Hours, and Earnings,  
United States, 1909-84. 1985. (Bulletin  
No. 1312-12.)

Occupational Employment in Transporta-  
tion, Communications, Utilities, and  
Trade. 1984. (Bulletin No. 2220.)

## Federal Highway Administration

Highway Statistics. Annual.

## Office of Management and Budget

The Budget of the United States Govern-  
ment. Annual.

## Social Security Administration

Benefits and Beneficiaries Under Public  
Employee Retirement Systems, 1985,  
Social Security Bulletin, May 1988.

*Other*

Advisory Commission on Intergovernmental  
Relations, Washington, DC

A Catalog of Federal Grant-in-Aid Pro-  
grams to State and Local Govern-  
ments, FY 87. 1987. Every 3 years.

1986 State Fiscal Capacity and Effort.

Significant Features of Fiscal Federalism.  
Annual.

The Council of State Governments, Lexing-  
ton, KY

The Book of the States. Biennial.

State Administrative Officials Classified  
by Function. Biennial.

International City Management Association,  
Washington, DC

Baseline Data Reports. Bimonthly.

Compensation 88. Annual.

Municipal Year Book. Annual.

Special Data Issues. Periodical.

National Governors' Association, Washing-  
ton, DC

Directory of Governors of the American  
States, Commonwealths & Territories.  
Annual.

National Governors' Association and Na-  
tional Association of State Budget Offi-  
cers, Washington, DC

Budgetary Processes in the States. July  
1981.

Fiscal Survey of the States. Biannual.

The President's 1990 Budget—Impact on  
the States.

**State and Local Government—Con.***Other—Con.*

Public Securities Association, New York, NY

Statistical Yearbook of Municipal Finance.

Tax Foundation, Inc., Washington, DC

Facts and Figures on Government Finance. Annual.

Stocks and Bonds—*see* Investments.

Stores—*see* Retail and Wholesale Trade and Service Establishments.

Tax Collections—*see* Federal Government; and State and Local Government.

Telephone and Telegraph Systems—*see* Communications.

Television—*see* Communications.

Trade—*see* Foreign Commerce; Retail and Wholesale Trade; and Service Establishments.

**Transportation**—*see also* Foreign Commerce; and Roads

*U.S. Government*

Army, Corps of Engineers

Waterborne Commerce of the United States (in five parts). Annual.

Bureau of the Census

Census of Transportation. Quinquennial. (1982, most recent.)

Vessel Entrances and Clearances. Annual. (FT 975.)

Bureau of Economic Analysis

Business Statistics: 1986, 1987.

Survey of Current Business. Monthly.

Coast Guard

Marine Safety Statistical Review.

Merchant Vessels of the United States. Annual.

Polluting Incidents In And Around U.S. Waters. Annual.

Department of State, Bureau of Consular Affairs

Summary of Passport Statistics. Annual.

Department of Transportation

National Transportation Statistics. Annual.

Transportation Safety Information Report. Quarterly.

U.S. International Air Travel Statistics. Annual.

Federal Aviation Administration

Census of U.S. Civil Aircraft. Annual.

**Transportation—Con.***U.S. Government—Con.*

Federal Aviation Administration—Con.

FAA Air Traffic Activity. Annual, for fiscal years.

FAA Statistical Handbook of Aviation. Annual.

General Aviation Activity and Avionics Survey. Annual.

U.S. Civil Airman Statistics. Annual.

Federal Aviation Administration and Research and Special Programs Administration

Airport Activity Statistics of Certificated Route Air Carriers. Annual.

Federal Highway Administration

Drivers Licenses. Annual.

Highway Statistics. Annual.

Highway Statistics, Summary to 1985. (Published every 10 years.)

Selected Highway Statistics and Charts. Annual.

Interstate Commerce Commission

Class I Freight Railroads Selected Earnings Data. Quarterly.

Large Class I Household Goods Carriers Selected Earnings Data. Quarterly.

Large Class I Motor Carriers of Passengers Selected Earnings Data. Quarterly.

Large Class I Motor Carriers of Property Selected Earnings Data. Quarterly.

Quarterly Report.

Transport Statistics in the United States. Issued annually in two separate parts:

Part 1: Railroads

Part 2: Motor Carriers

Maritime Administration

Annual Report.

Bulk Carriers in the World Fleet. Annual.

Containerized Cargo Statistics. Annual.

Employment Report of United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

Foreign Flag Merchant Ships Owned by U.S. Parent Companies. Annual.

Maritime Manpower Report. Monthly.

New Ship Construction. Annual.

United States Oceanborne Foreign Trade Routes. Annual.

Research and Special Programs Administration

Air Carrier Financial Statistics. Quarterly.

**Transportation—Con.***U.S. Government—Con.*

Research and Special Programs Administration—Con.

Air Carrier Industry Scheduled Service Traffic Statistics. Quarterly.

Air Carrier Traffic Statistics. Monthly.

*Other*

Aerospace Industries Association of America, Washington, DC

Aerospace Facts and Figures. Annual.

Net New Orders, Shipments, and Backlog for Jet Transport Aircraft. Quarterly.

Commercial Helicopter Shipments. Quarterly.

Air Transport Association of America, Washington, DC

Air Transport Facts and Figures. Annual. Quarterly Review.

American Bureau of Shipping, Paramus, NJ

The Record. Annual with 3 supplements.

American Public Transit Association, Washington, DC

Transit Fact Book. Annual.

Association of American Railroads, Washington, DC

Analysis of Class I Railroads. Annual.

Cars of Revenue Freight Loaded. Weekly with annual summary.

Freight Commodity Statistics, Class I Railroads in the United States. Annual.

Yearbook of Railroad Facts.

ENO Foundation for Transportation, Westport, CT

Transportation in America. March, annually with periodic supplements.

General Aviation Manufacturers Association, Washington, DC

Shipment Report. Quarterly and Annual.

Statistical Databook. Annual.

Lake Carriers' Association, Cleveland, OH

Annual Report.

Monthly Bulk Commodities Report.

Lloyd's Register of Shipping, London, England

Annual Summary of Merchant Ships Completed in the World.

Casualty Returns. Annual. (Statistical summary of all merchant ships totally lost or reported broken up during year.)

Merchant Shipbuilding Returns. Quarterly. (Statistical summary of world shipbuilding.)

**Transportation—Con.***Other—Con.*

Lloyd's Register of Shipping, London, England—Con.

Statistical Tables. Annual. (Analysis of world merchant fleet.)

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

Motor Vehicle Facts and Figures. Annual.

World Motor Vehicle Data. Annual.

National Air Carrier Association, Washington, DC

Annual Report.

Regional Airline Association, Washington, DC

Annual Report.

Shipbuilders Council of America, Washington, DC

Annual Report.

Tanker Advisory Center, Inc., New York, NY

Worldwide Tanker Casualty Returns. Quarterly.

Travel—*see* Recreation and Transportation.

Unemployment Insurance—*see* Labor; and Social Insurance.

Utilities, Public—*see* Communications; Energy; and Transportation.

Veterans—*see* National Defense; and Population.

Virgin Islands of the United States—*see* Outlying Areas.

**Vital Statistics**—*see also* Accidents; and Health

*U.S. Government*

Centers for Disease Control, Atlanta, GA

Abortion Surveillance. Annual Summary 1979-1980.

Morbidity and Mortality Weekly Report. Annual summary also.

National Center for Health Statistics

Monthly Vital Statistics Report. Provisional statistics. Annual summary also.

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 20: Mortality Data. Irregular.

Series 21: Natality, Marriage, and Divorce Data. Irregular.

Series 23: National Survey of Family Growth Statistics. Irregular.

**Vital Statistics—Con.***U.S. Government—Con.*

National Center for Health Statistics—Con.

Vital Statistics of the United States.  
Annual.

*Other*

The Alan Guttmacher Institute, New York,  
NY

Abortion Services in the United States,  
Each State and Metropolitan Area,  
1984-1985. 1988.

Teenage Pregnancy in the United States:  
The Scope of the Problem and State  
Responses. 1989.

Family Planning Perspectives. Monthly.

United Nations Statistical Office, New York,  
NY

Demographic Yearbook.

Population and Vital Statistics Report.  
(Statistical Papers, Series A.) Quarterly.

Statistical Yearbook.

World Health Organization, Geneva, Swit-  
zerland

Annual Epidemiological and Vital Statis-  
tics.

Epidemiological and Vital Statistics  
Report. Monthly.

World Health Statistics. Quarterly and  
annual.

**Vocational Rehabilitation and Education***U.S. Government*

Bureau of the Census  
Social Indicators, 1980.

Department of Education  
Annual Report.

Department of Veterans Affairs  
Annual Report of The Secretary of Veter-  
ans Affairs.

Disability Compensation Data. Semiannu-  
al.

Disability and Death Pension Data. Semi-  
annual.

Employment and Unemployment Among  
Vietnam Era Veterans—An Analysis of

**Vocational Rehabilitation and Education—  
Con.***U.S. Government—Con.*

Department of Veterans Affairs—Con.

the 1979 National Survey of Veterans.  
August 1981.

Flight Training Under the GI Bill. Septem-  
ber 1980.

Historical Data on the Usage of Educa-  
tional Benefits: 1944-1983. April 1984.

Office of Information Management and  
Statistics Monograph—Selected Com-  
pensation and Pension Data, by State  
of Residence. Annual.

Office of Information Management and  
Statistics Monograph—Veterans Bene-  
fits under Current Educational Pro-  
grams. Annual.

Trend Data 1964-1988.

Women Veterans—Use of Educational  
Benefits Under the GI Bill. September  
1981.

Office of Management and Budget

The Budget of the United States Govern-  
ment. Annual.

Rehabilitation Services Administration

Caseload Statistics of State Vocational  
Rehabilitation Agencies in Fiscal Year.  
Annual.

Characteristics of Clients Rehabilitated in  
Fiscal Year. Annual.

State Vocational Rehabilitation Agency  
Program Data in Fiscal Year. Annual.

Wages and Wage Rates—*see* Labor; *and*  
Social Insurance.

Wealth—*see* National Income.

Weather—*see* Climate.

Welfare Services—*see* Health; *and* Social Insur-  
ance.

Wholesale and Retail Trade—*see* Retail and  
Wholesale Trade.

Wholesale Prices—*see* Commodity Prices.

Work Relief—*see* Social Insurance.

Work Stoppages—*see* Labor.

## Guide to State Statistical Abstracts

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1979 plus those that will be issued in late 1989 or early 1990. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

### Alabama

University of Alabama, Center for Business and Economic Research, P.O. Box 870221, Tuscaloosa 35487 (205)348-6191

*Economic Abstract of Alabama*. 1989. 500 pp.

### Alaska

Department of Commerce and Economic Development, Division of Business Development, Pouch D, Juneau 99811 (907)465-2017

*The Alaska Performance Report*. 1988.

### Arizona

Valley National Bank, P.O. Box 71, Phoenix 85001 (602)261-5043

*Arizona Statistical Review*. 45th ed. 1989.

University of Arizona, Division of Economic and Business Research, College of Business and Public Administration, Tucson 85721 (602)621-2155

*Arizona Statistical Abstract: A 1989 Data Handbook*. 574 pp.

*Arizona Economic Indicators*. 52 pp. (Biannual.)

### Arkansas

University of Arkansas at Little Rock, Regional Economic Analysis, Library 512, Little Rock 72204

*Arkansas State and County Economic Data*. 18 pp. (Revised annually.)

University of Arkansas at Little Rock, State Data Center, Library 508, Little Rock 72204 (501)569-8530

*Arkansas Statistical Abstract*. 500 pp. (Revised biennially.)

### California

Department of Finance, 915 L Street, 8th Floor, Sacramento 95814 (916)322-2263

*California Statistical Abstract*, 1989. 230 pp.

### California—Con.

Pacific Data Resources, P.O. Box 1911, Santa Barbara, CA 93116-9954 (800)422-2546

*California Almanac*, 4th ed. Biennial. 610 pp.

### Colorado

University of Colorado, Business Research Division, Campus Box 420, Boulder 80309 (303)492-8227

*Statistical Abstract of Colorado*, 1987. 600 pp.

### Connecticut

Connecticut Department of Economic Development, 865 Brook St., Rocky Hill 06067-3405

*Connecticut Market Data*.

### Delaware

Delaware Development Office, P.O. Box 1401, Dover 19903 (302)736-4271

*Delaware Data Book*, 1989. 146 pp.

### District of Columbia

Office of Planning, Data Services Division, Presidential Bldg., Suite 500, 415 12th St., N.W. Washington 20004 (202)727-6533

*Population Estimates and Housing Units*, annual.

Office of Policy and Program Evaluation, Executive Office of the Mayor, District Building, Room 208, 1350 Pennsylvania Ave., N.W., Washington 20004 (202)727-4016

*Indices—A Statistical Index to DC Services*, 1989. Annual. 344 pp.

### Florida

University of Florida, Bureau of Economic and Business Research, Gainesville 32611 (904)392-0171

*Florida Statistical Abstract*, 1989. 23d ed. 1989. 715 pp.

**Florida—Con.**

National Data Consultants, P.O. Box 6381,  
Athens, Georgia 30604 (404)548-8460  
*Florida County Perspectives: 1989*. Annual.  
109 pp.

**Georgia**

University of Georgia, Division of Research,  
College of Business Administration,  
Athens 30602 (404)542-4085  
*Georgia Statistical Abstract, 1988-89*. 1988.  
512 pp.

University of Georgia, College of Agriculture,  
Cooperative Extension Service, Athens  
30602 (404)542-8940

*The Georgia County Guide*. 1989. 8th ed.  
Annual. 171 pp.

Office of Planning and Budget, 270 Washing-  
ton St., S.W., Atlanta 30334 (404)656-  
0911

*Georgia Descriptions in Data*. 1989. 175 pp.

**Hawaii**

Hawaii State Department of Business and  
Economic Development, P.O. Box 2359,  
Honolulu 96804 - Inquiries (808)548-  
3067; Copies (808)548-4025

*The State of Hawaii Data Book 1989: A  
Statistical Abstract*. 23d ed. 1989. 675  
pp.

**Idaho**

Department of Commerce, 700 West State  
St., Boise 83720 (208)334-2470

*County Economic Profiles, 1982*. (Separate  
report for each county.)

*County Profiles of Idaho, 1989*.

*Idaho Community Profiles, 1988*.

*Idaho Facts, 1989*.

*Idaho Facts Data Book, 1989*.

University of Idaho, Center for Business De-  
velopment and Research, Moscow 83843

*Idaho Statistical Abstract*. 1980. 415 pp.  
(Out of print.)

**Illinois**

University of Illinois, Bureau of Economic and  
Business Research, 428 Commerce  
West, 1206 South 6th Street, Champaign  
61820 (217)333-2330

*Illinois Statistical Abstract. 1989*. 635 pp.

Department of Commerce and Community Af-  
fairs, 620 Adams St., Springfield 62701  
(217)782-1438

*Illinois State and Regional Economic Data  
Book—1985*. 351 pp.

**Indiana**

Indiana University, Indiana Business Re-  
search Center, School of Business, Indi-  
anapolis 46202-5151 (317)274-2204

*Indiana Factbook, 1985*. 420 pp.

*Indiana Factbook. 1989*. 165 pp.

**Iowa**

Iowa Department of Economic Development  
Research Bureau, 200 East Grand Ave.,  
Des Moines 50309

*1987 Statistical Profile of Iowa*. 116 pp.  
(Out of print.)

**Kansas**

University of Kansas, Institute for Public  
Policy and Business Research, 607  
Blake Hall, Lawrence 66045-2960  
(913)864-3701

*Kansas Statistical Abstract, 1988-89*. 24th  
ed. 1989.

**Kentucky**

Department of Business Development, Cap-  
ital Plaza Office Tower, Frankfort 40601

*Kentucky Economic Statistics*. 26th ed.  
1990.

**Louisiana**

University of New Orleans, Division of Busi-  
ness and Economic Research, New Orle-  
ans 70148 (504)286-6248

*Statistical Abstract of Louisiana*. 8th ed.  
1990.

**Maine**

Maine Department of Economic and Commu-  
nity Development, State House Station  
59, Augusta 04333 (207)289-2656

*Maine: A Statistical Summary*. (Updated pe-  
riodically.)

**Maryland**

Department of Economic and Employment  
Development, 217 E. Redwood St., Balti-  
more 21202 - Inquiries (301)333-6953;  
Copies (301)333-6600

*Maryland Statistical Abstract. 1990-91*. 270  
pp. (Biennial.)

**Massachusetts**

Massachusetts Institute for Social and Economic Research, 128 Thompson Hall, University of Massachusetts at Amherst 01003 (413)545-3460

*Population Projections 1990 and 1995, Cities and Towns in Massachusetts.* March 1988. 400 pp.

**Michigan**

Wayne State University, Bureau of Business Research, School of Business Administration, Detroit 48202

*Michigan Statistical Abstract.* 20th ed. 1986-87. 629 pp.

**Minnesota**

Department of Trade and Economic Development, Policy Analysis Office, 900 American Center Building, St. Paul 55101 (612)296-8283

*Compare Minnesota: An Economic and Statistical Factbook, 1989-90.* 137 pp.

*Economic Report to the Governor: State of Minnesota, 1990.* 164 pp.

Office of State Demographer, State Planning Agency, 300 Centennial Bldg., St. Paul 55155 (612)296-2557

*Minnesota Population and Household Estimates, 1988.* 74 pp.

**Mississippi**

Mississippi State University, College of Business and Industry, Division of Research, Mississippi State 39762 (601)325-3817

*Mississippi Statistical Abstract.* 1989. 850 pp.

**Missouri**

University of Missouri, Business and Public Administration Research Center, Columbia 65211 (314)882-4805

*Statistical Abstract for Missouri, 1988.* Biennial. 350 pp.

**Montana**

Montana Department of Commerce, Census and Economic Information Center, Capitol Station, Helena 59620 (406)444-2896

*Montana County Profiles.* 5th ed. 1985. Supplement to 5th ed. 1989. (Separate county reports updated periodically, available in both paper and microfiche.)

**Nebraska**

Department of Economic Development, Division of Research, Box 94666, Lincoln 68509 (402)471-3779

*Nebraska Statistical Handbook.* 1988-1989. 300 pp.

**Nevada**

Department of Administration, Planning Division, Capitol Complex, Carson City 89710 (702)885-4065

*Nevada Statistical Abstract.* 1990. Biennial. 350 pp.

**New Hampshire**

Office of State Planning, 2 1/2 Beacon St., Concord 03301 (603)271-2155

*Current Estimates and Trends in New Hampshire's Housing Supply.* Update: 1988. 22 pp.

*Selected Economic Characteristics of New Hampshire Municipalities.* September 1983. 12 pp. (Other series available on population estimates and projections, and taxation.)

**New Jersey**

New Jersey State Data Center, NJ Department of Labor, CN 388, Trenton 08625-0388 (609)984-2593

*New Jersey Statistical Factbook, 1989.* 115 pp.

*Statistical Source Directory for New Jersey State Government, 1989.* 100 pp.

Office of Economic Policy, 20 West State Street, Trenton 08625 (609)292-1890

*New Jersey Profile, 1988.* Triennial. 203 pp.

**New Mexico**

University of New Mexico, Bureau of Business and Economic Research, Albuquerque 87131 (505)277-2216

*New Mexico Statistical Abstract.* 1989. 215 pp.

*County Profiles.* (Updated continuously.)

**New York**

Energy Association of New York, 111 Washington Avenue, Suite 601, Albany 12210 (518)449-3440

*New York at a Glance, 1989-90.* 230 pp.

Nelson Rockefeller Institute of Government, 411 State Street, Albany 12203 (518)472-1300

*New York State Statistical Yearbook, 1988-89.* 15th ed. 544 pp.



**North Carolina**

Office of State Budget and Management,  
Management and Information Services  
Section, 116 West Jones Street, Raleigh  
27603-8005 (919)733-7061

*North Carolina State Government Statistical  
Abstract*. 1984. 5th ed. 575 pp.

*Profile, North Carolina Counties Update*,  
1987. 55 pp.

**North Dakota**

University of North Dakota, Bureau of Busi-  
ness and Economic Research, Grand  
Forks 58202 (701)777-2637

*The Statistical Abstract of North Dakota*.  
1988. 700 pp.

Economic Development Commission, Liberty  
Memorial Bldg., Bismarck 58505  
(701)224-2810

*North Dakota Economic Data Book*. 1988.  
100 pp.

**Ohio**

Department of Development, Ohio Data  
Users Center (ODUC), P.O. Box 1001,  
Columbus 43266-0101 (614)466-2115

*ODUC Products and Services*. (Updated  
continuously.)

*Ohio County Profiles*.

The Ohio State University, School of Public  
Policy and Management, 1775 College  
Road, Columbus 43210-1399 (614)292-  
8696

*Benchmark Ohio, 1989*. Biennial. 204 pp.

**Oklahoma**

University of Oklahoma, Center for Economic  
and Management Research, 307 West  
Brooks Street, Room 4, Norman 73019  
(405)325-2931

*Statistical Abstract of Oklahoma, 1989*.  
Annual. 700 pp.

**Oregon**

Secretary of State, State Capitol, Salem  
97310

*Oregon Blue Book, 1989-1990*. Biennial.  
488 pp.

**Pennsylvania**

Pennsylvania State Data Center, Pennsylvan-  
ia State University at Harrisburg, Middle-  
ton 15057, in cooperation with the Penn-  
sylvania Department of Commerce

*Pennsylvania Statistical Abstract, 1987*.  
29th ed. 1987. 262 pp.

**Rhode Island**

Department of Economic Development, 7  
Jackson Walkway, Providence 02903  
(401)277-2601

*Rhode Island Basic Economic Statistics*.  
1987. 145 pp.

**South Carolina**

Budget and Control Board, Division of Re-  
search and Statistical Services, R. C.  
Dennis Building, Room 425, Columbia  
29201 (803)734-3781

*South Carolina Statistical Abstract: 1989*.  
374 pp.

**South Dakota**

University of South Dakota, State Data  
Center, Vermillion 57069 (605)677-5287

*Handbook of Manpower Statistics for South  
Dakota*. 294 pp.

*1989 South Dakota Community Abstracts*.  
400 pp.

**Tennessee**

University of Tennessee, Center for Business  
and Economic Research, Knoxville  
37996-4170 (615)974-5441

*Tennessee Statistical Abstract, 1990*. 12th  
ed. 700 pp. (Annual.)

**Texas**

Dallas Morning News, Communications  
Center, P.O. Box 655237, Dallas 75265  
(214)977-8261

*Texas Almanac, 1990-1991*. 1989. 608 pp.

University of Texas, Bureau of Business Re-  
search, Austin 78712 (512)471-5180

*Texas Fact Book, 1989*. 6th ed. 250 pp.

**Utah**

University of Utah, Bureau of Economic and  
Business Research, 401 Kendall D. Garff  
Building, Salt Lake City 84112 (801)581-  
6333

*Statistical Abstract of Utah*. 1990. (January  
1, 1990.) (Triennial.)

Utah Foundation, 10 West 100 South 323,  
Salt Lake City 84101 (801)364-1837

*Statistical Review of Government in Utah*.  
1989. 101 pp. (1990 edition to be issued  
in April 1990.)

**Vermont**

Office of Policy Research and Coordination,  
Department of Employment and Training,  
Montpelier 05602 (802)229-0311 ext. 323  
*Demographic and Economic Profiles*. (Periodically issued.)

**Virginia**

University of Virginia, Center for Public Service, Dynamics Building, 4th Floor, 2015 Ivy Road, Charlottesville 22903 (804)924-1022

*Virginia Statistical Abstract, 1989*. Biennial. 850 pp.

**Washington**

Washington State Office of Financial Management, Insurance Building M. S. AQ-44, Olympia 98504 (206)753-5617

*Washington State Data Book, 1987*. 300 pp.

Washington Research Council, 906 South Columbia, Suite 350, Olympia 98501 (206)357-6643

*How Washington Compares: State and Local Revenue and Expenditures*. February 1990.

**West Virginia**

West Virginia Chamber of Commerce, P.O. Box 2789, Charleston 25330 (304)342-1115

*West Virginia: Economic-Statistical Profile, 1987-1988*. Biennial. 750 pp.

**West Virginia—Con.**

West Virginia Research League, Inc., 405 Capitol Street, Suite 414, Charleston 25301 (304)346-9451

*Economic Indicators, 1988*. 110 pp.

*The 1989 Statistical Handbook*. 86 pp.

**Wisconsin**

Wisconsin Legislative Reference Bureau, State Capitol, Madison 53702 (608)266-0341

*1989-1990 Wisconsin Blue Book*. 1,000 pp. Biennial.

**Wyoming**

Department of Administration and Fiscal Control, Division of Research and Statistics, 327 E. Emerson Building, Cheyenne 82002 (307)777-7504

*Wyoming Data Handbook, 1989*. 200 pp.

**Puerto Rico**

Planning Board, Area of Economic and Social Planning, Bureau of Economic Analysis and Bureau of Statistics, Santurce 00940 (809)722-2070

*Economic Report to the Governor, 1989*. (In Spanish.)

*Historic Series of Employment, Unemployment and Labor Force, 1988*. 202 pp. (In Spanish.)

*Social Statistics Abstract, 1987*. 184 pp. (In Spanish.)

*Socioeconomic Indicators by Municipios, 1988*. (In Spanish.)

## Guide to Foreign Statistical Abstracts

This bibliography presents recent statistical abstracts for Mexico, the Soviet Union, and member nations of the Organization for Economic Cooperation and Development. All sources contain statistical tables on a variety of subjects for the individual countries. Many of the following publications provide text in English as well as in the national language(s). For further information on these publications, contact the named statistical agency which is responsible for editing the publication.

### Austria

Osterreichisches Statistisches Zentralamt,  
P.O. Box 9000, A-1033 Vienna

*Statistisches Handbuch für die Republik Österreich.* Annual. 690 pp. (In German.)

### Australia

Australian Bureau of Statistics, Canberra

*Yearbook Australia.* Annual. 976 pp. (In English.)

### Belgium

Institut National de Statistique, 44 rue de Louvain, 1000 Brussels

*Annuaire statistique de la Belgique.* Annual. 783 pp. (In French and Dutch.)

### Canada

Statistics Canada, Ottawa, Ontario, K1A 0T6

*Canada Yearbook: A review of economic, social and political developments in Canada.* 1988. Irregular. (In English and French.)

### Denmark

Danmarks Statistik, Postboks 2550 Sejrøgade 11, DK 2100, Copenhagen O

*Statistical Yearbook.* 1988. Annual. 518 pp. (In Danish with English translations of table headings.)

### Finland

Central Statistical Office of Finland, Box 504 SF-00101 Helsinki

*Statistical Yearbook of Finland.* Annual. 565 pp. (In English, Finnish, and Swedish.)

### France

Institut National de la Statistique et des Etudes Economiques, Paris 18, Bld. Adolphe Pinard, 75675 Paris (Cedex 14)

*Annuaire Statistique de la France.* Annual. 880 pp. (In French.)

### Greece

National Statistical Office, 14-16 Lycourgou St., 101-66 Athens

*Statistical Yearbook of Greece.* Annual. 473 pp. (plus 7 pages of diagrams). (In English and Greek.)

### Iceland

Hagstofa Islands/Statistical Bureau, Hverfisgata 8-10, Reykjavik.

*Statistical Abstract of Iceland.* 1984. Irregular. 286 pp. (In English and Icelandic.)

### Ireland

Central Statistics Office, Earlsfort Terrace, Dublin 2

*Statistical Abstract.* Annual. 410 pp. (In English.)

### Italy

ISTAT (Istituto Centrale di Statistica), Via Cesare Balbo 16, 00100 Rome

*Annuario Statistico Italiano.* Annual. 719 pp. (In Italian.)

### Japan

Statistics Bureau, Management & Coordination Agency, 19-1 Wakamatsucho, Shinjuku Tokyo 162

*Japan Statistical Yearbook.* Annual. 836 pp. (In English and Japanese.)

### Luxembourg

STATEC (Service Central de la Statistique et des Etudes), P.O. Box 304, L-2013, Luxembourg

*Annuaire Statistique.* Annual. 529 pp. (In French.)

**Mexico**

Instituto Nacional de Estadística Geografía e Informática, Avda. Insurgentes Sur No. 795-PH Col. Napoles, Del. Benito Juárez 03810 Mexico, D.F.

*Anuario estadístico de los Estados Unidos Mexicanos.* Annual. 706 pp. (In Spanish.)

**Netherlands**

Centraal Bureau voor de Statistiek. 428 Prinses Beatrixlaan P.O. Box 959, 2270 AZ Voorburg

*Statistical Yearbook of the Netherlands.* Annual. 425 pp. (In English.)

**New Zealand**

Department of Statistics, Wellington

*New Zealand Official Yearbook.* Annual. 884 pp. (In English.)

**Norway**

Central Bureau of Statistics, Skippergate 15, P.B. 8131 Dep. N-Oslo 1

*Statistical Yearbook.* Annual. 502 pp. (In English and Norwegian.)

**Portugal**

INE (Instituto Nacional de Estatística), Avenida Antonio Jose de Almeida, P-1078 Lisbon Codex

*Anuario Estatístico: Continente, Açores e Madeira.* Annual. 336 pp. (In Portuguese.)

**Soviet Union**

Central Statistical Board, Moscow

*Narodnoe Khoziaistvo SSSR: Statisticheskii ezhegodnik.* Annual. 767 pp. (In Russian.)

**Spain**

INE (Instituto Nacional de Estadística), Paseo de la Castellana, 183, Madrid 16

*Anuario Estadístico de España.* Annual. 929 pp. (In Spanish.)

*Anuario Estadístico.* 1988. (Edición Manual.) 976 pp.

**Sweden**

Statistics Sweden, S-11581 Stockholm

*Statistical Abstract of Sweden.* Annual. 561 pp. (In English and Swedish.)

**Switzerland**

Bundesamt für Statistik, Hallwylstrasse 15, CH-3003, Bern

*Statistisches Jahrbuch der Schweiz.* Annual. 658 pp. (In French and German.)

**Turkey**

State Institute of Statistics, Prime Ministry, 114 Necatibey Caddesi, Bakanliklar, Yenisehir, Ankara

*Statistical Yearbook of Turkey.* Published on odd numbered years. 479 pp. (In English and Turkish.)

*Statistical Pocketbook of Turkey.* Published on even numbered years. 294 pp. (In English and Turkish.)

**United Kingdom**

Central Statistical Office, Great George Street, London SW1P 3AQ

*Annual Abstract of Statistics.* Annual. 340 pp. (In English.)

**West Germany**

Statistische Bundesamt, Postfach 5528, 6200 Wiesbaden

*Statistisches Jahrbuch für die Bundesrepublik Deutschland.* Annual. 788 pp. (In German.)

**Yugoslavia**

Savezni Zavod za Statistiku, P.O. Box 203, 11000 Belgrade

*Statistički Godisnjak Jugoslavije.* Annual. 784 pp. (In Serbo-Croatian with English, French, and Russian translations of table headings.)

*Statistical Pocketbook of Yugoslavia.* 1989. 217 pp. (In English.)



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## Appendix II

# Metropolitan Area Concepts and Components and Population of Metropolitan Statistical Areas

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Statistics for metropolitan areas shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's) or metropolitan statistical areas (MSA's). Effective June 30, 1983, OMB changed the basic term from SMSA to MSA and revised the geographic definitions of many individual metropolitan areas; some new areas were defined, and some areas were redesignated as PMSA's or CMSA's (see further explanation below). The revised definitions appear in OMB press release 83-20 of June 27, 1983. The official standards for defining MSA's appeared in the Federal Register, January 3, 1980 (part 6). Revisions of MSA definitions are made periodically by OMB, mainly to add newly qualified MSA's or central cities.

The list of areas which follows (see p. 911) specifies components and population totals and refers to the definitions in effect on June 30, 1989. On that date, there were 267 MSA's, as well as 21 CMSA's comprising 73 PMSA's (including 4 MSA's, 1 CMSA, and 2 PMSA's in Puerto Rico). The figures in tables A, B, and C below (see pp. 909 and 910), exclude the areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation, "Standard Metropolitan Areas"; the term was changed to SMSA in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each MSA must include at least:

- (a) One city with 50,000 or more inhabitants, or
- (b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants *and* a total MSA population of at least 100,000 (75,000 in New England).

The standards provide that the MSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the MSA's are defined in terms of cities and towns rather than counties.

The 1980 standards provide that within metropolitan complexes of 1 million or more population, separate component areas are defined if specified criteria are met. Such areas are designated primary metropolitan statistical areas (PMSA's); and any area containing PMSA's is designated a consolidated metropolitan statistical area (CMSA). Besides the 21 CMSA's, there are 17 MSA's of 1 million or more in 1987 within which no component PMSA's are established. Of the 73 PMSA's, most were formerly SMSA's, but some were newly established in 1983.

Of the 21 CMSA's, most were previously recognized as standard consolidated statistical areas (SCSA's), but 5 were formerly SMSA's within which PMSA's were newly qualified in 1983.

The standards adopted in 1980 were implemented in two stages. First, they were used to define a group of 36 new areas in June 1981. The 323 SMSA's as of June 30, 1981 were reported in the 1980 census tabulations and publications. Next, the boundaries of all SMSA's were reviewed in 1982-83 under the new standards after 1980 commuting data became available.

Revised 1980 standards for determining central cities and titles were implemented as part of the 1982-83 review. The largest city in each MSA is designated a "central city"; in addition there may be additional central cities if specified requirements are met. The title of each MSA consists of the name(s) of up to three of its central cities and the name of each State into which the MSA extends. However, a central city generally is not included in an MSA title unless it has at least one-third the population of the area's largest city. Prior to 1983, virtually all central cities appeared in area titles. An MSA may include other cities of 50,000 or more besides its central or title cities.

One report relating to the new MSA definitions has been published as *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18). The forthcoming *State and Metropolitan Area Data Book, 1990* will present many data items for metropolitan areas from a wide variety of sources (see inside back cover).

**New England MSA's and NECMA's.**—Because MSA's in New England are defined in terms of cities and towns rather than counties, some statistical data that are available only for counties cannot be compiled for individual New England MSA's. Therefore, for New England areas, data are shown for both New England County Metropolitan Areas (NECMA's) and MSA's wherever possible. The NECMA's provide a county version of the New England areas, but do not replace New England MSA's as the standard areas. NECMA's are defined corresponding to the 3 CMSA's in New England and for the portion of the New York-Northern New Jersey-Long Island CMSA in Connecticut. There are no NECMA definitions corresponding to New England PMSA's.

**Effect of changes in MSA definitions.**—Changes in the definitions of MSA's since 1949 have consisted chiefly of (1) the recognition of new areas as, for example, cities reached 50,000 population; and (2) the addition of counties (or towns in New England) to existing MSA's as new census data showed them to qualify. Also, several formerly separate MSA's have been merged, and occasionally territory has been transferred from one MSA to another or from an MSA to nonmetropolitan territory. Comparisons of MSA figures over time may be affected in cases where the MSA definitions were changed. To maintain comparability, data for an earlier period have been revised in this volume where possible, to reflect the MSA boundaries of the more recent period. However, this could not always be done; for data based on a sample survey, in particular, it is usually not possible to revise the data to reflect changes in MSA definitions that occurred after the survey was made.

In tables A, B, and C that follow, data are given for MSA's as defined for specified dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

TABLE A. NUMBER, POPULATION, AND LAND AREA OF MSA'S AS DEFINED AT SPECIFIED DATES FROM 1950 TO 1989

[The differences in population shown here for each year within each column of the table result entirely from net expansion of metropolitan territory through changes in the MSA definitions. The differences in population shown for each MSA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MSA definitions. The changes in 1980 land area result entirely from net change in MSA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MSA's as the result of changes in definitions between the specified dates. Such changes typically occurred throughout the period, not on any single date, and may have included reductions in, as well as additions to, MSA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950, 1960, and 1970 census definitions of MSA's differ from the data published in those censuses because of subsequent remeasurement of land areas and changes in inland water area occurring up to 1980.]

MSA DEFINITION AS OF—	Number of MSA's	POPULATION					Land area, 1980 (sq. mi.)
		1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1988, July 1	
1950 census (Mar. 1952) .....	169	<sup>1</sup> 84,853,700	106,344,548	122,184,836	128,839,422	138,280,643	207,146
1960 census (Nov. 1960) .....	212	89,316,903	<sup>2</sup> 112,885,139	130,982,661	140,793,427	152,563,107	309,112
1964 (Aug. 31) <sup>3</sup> .....	217	91,644,188	115,876,343	134,700,911	145,503,863	158,069,905	348,861
1968 (Jan. 31) <sup>4</sup> .....	230	93,629,986	118,413,604	137,976,252	149,811,057	163,148,345	377,581
1970 census (Feb. 28, 1971) .....	243	94,579,008	<sup>5</sup> 119,593,498	<sup>6</sup> 139,479,806	151,662,221	165,271,512	386,886
1974 (Apr. 30) <sup>7</sup> .....	265	<sup>8</sup> 100,219,707	<sup>9</sup> 126,813,710	148,198,993	162,753,335	178,147,680	491,249
1977 (Dec. 31) <sup>10</sup> .....	277	101,109,145	127,674,818	149,482,664	164,383,496	179,985,488	510,581
1980 census (June 30, 1981) <sup>11</sup> .....	318	104,172,853	131,318,714	153,693,767	169,430,623	185,592,476	566,157
1985 (June 30) .....	<sup>12</sup> 280	105,411,428	132,887,134	155,700,823	172,169,456	188,930,571	570,933
1986 (June 30) .....	<sup>13</sup> 281	105,481,211	132,977,580	155,805,452	172,304,016	189,100,582	572,871
1987 (June 30) <sup>13</sup> .....	<sup>12</sup> 281	105,502,909	133,003,445	155,832,688	172,334,547	189,131,393	573,412
1988 (June 30) <sup>14</sup> .....	<sup>12</sup> 282	105,586,961	133,086,400	155,937,275	172,454,948	189,264,052	574,679
1989 (June 30) <sup>14</sup> .....	<sup>12</sup> 283	105,718,150	133,233,777	156,084,580	172,601,873	189,405,388	575,743

<sup>1</sup> Corresponds to total MSA population for 1950 published in 1950 census (84,500,680) plus Honolulu MSA. <sup>2</sup> Corresponds to total MSA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus MSA). <sup>3</sup> MSA's as defined for the 1963 economic censuses. <sup>4</sup> MSA's as defined for the 1967 economic censuses. <sup>5</sup> Corresponds to total 1960 population for 1970 MSA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill MSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals. <sup>6</sup> Corresponds to total MSA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. <sup>7</sup> MSA's as defined for the 1972 economic censuses. <sup>8</sup> Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970. <sup>9</sup> Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. <sup>10</sup> MSA's as defined for the 1977 economic censuses. <sup>11</sup> MSA's as defined for the 1982 economic censuses. <sup>12</sup> MSA's and CMSA's. <sup>13</sup> MSA's as defined for the 1987 economic censuses. <sup>14</sup> Data exclude the portion of Sullivan city in Crawford County, MO (1980 population 1,025) added to the St. Louis, MO-IL MSA by legislative action effective Dec. 22, 1987.

Source: U.S. Bureau of the Census, 1950-1970, *U.S. Census of Population*, vol. 1; 1980 *Census of Population*, vol. 1, chapters A and B and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and *Current Population Reports*, series P-26, No. 88-(Region)-SC.

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AS DEFINED AT SPECIFIED DATES FROM 1950 TO 1989

[See headnote for table A, p. 909. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MSA's at the dates specified]

MSA DEFINITION AS OF—	POPULATION					Land area, 1980 (sq. mi.)
	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1988, July 1	
1950 census (Mar. 1952) .....	66,472,098	72,978,627	81,117,195	97,706,383	107,519,717	3,332,143
1960 census (Nov. 1960) .....	62,008,895	66,438,036	72,319,370	85,752,378	93,237,253	3,230,177
1964 (Aug. 31) .....	59,681,610	63,446,832	68,601,120	81,041,942	87,730,455	3,190,428
1968 (Jan. 31) .....	57,695,812	60,909,571	65,325,779	76,734,748	82,652,015	3,161,708
1970 census (Feb. 28, 1971) .....	56,746,790	59,729,677	63,822,225	74,883,584	80,528,848	3,152,403
1974 (Apr. 30) .....	51,016,091	52,709,465	55,103,039	63,792,470	67,652,680	3,048,040
1977 (Dec. 31) .....	50,216,653	51,648,357	53,819,367	62,182,309	65,814,872	3,028,708
1980 census (June 30, 1981) .....	47,152,945	48,004,461	49,608,264	57,115,182	60,207,884	2,973,132
1985 (June 30) .....	45,914,370	46,436,041	47,601,208	54,378,349	56,869,789	2,968,356
1986 (June 30) .....	45,844,587	46,345,595	47,496,579	54,241,789	56,899,778	2,966,418
1987 (June 30) .....	45,822,889	46,319,730	47,469,343	54,211,258	56,668,967	2,965,877
1988 (June 30) .....	45,742,837	46,234,775	47,364,756	54,090,857	56,536,308	2,964,610
1989 (June 30) .....	45,607,648	46,089,398	47,217,451	53,943,932	56,394,972	2,963,546

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE MSA'S AS DEFINED AT SPECIFIED DATES FROM 1950 TO 1989

[See headnote for table A, p. 909]

MSA DEFINITION AS OF—	PERCENT OF POPULATION					Percent of land area, 1980
	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1988, July 1	
1950 census (Mar. 1952) .....	56.1	59.3	60.1	56.9	56.3	5.9
1960 census (Nov. 1960) .....	59.0	63.0	64.4	62.2	62.1	8.7
1964 (Aug. 31) .....	60.6	64.6	66.3	64.2	64.3	9.9
1968 (Jan. 31) .....	61.9	66.0	67.9	66.1	66.4	10.7
1970 census (Feb. 28, 1971) .....	62.5	66.7	68.6	67.0	67.2	10.9
1974 (Apr. 30) .....	66.2	70.6	72.9	71.8	72.5	13.9
1977 (Dec. 31) .....	66.8	71.2	73.5	72.6	73.2	14.4
1980 census (June 30, 1981) .....	68.8	73.2	75.6	74.8	75.6	16.0
1985 (June 30) .....	69.7	74.1	76.8	76.0	76.9	16.1
1986 (June 30) .....	69.7	74.2	76.6	76.1	76.9	16.2
1987 (June 30) .....	69.7	74.2	76.7	76.1	76.9	16.2
1988 (June 30) .....	69.8	74.2	76.7	76.1	77.0	16.2
1989 (June 30) .....	69.9	74.3	76.8	76.2	77.1	16.3

Source of tables B and C: U.S. Bureau of the Census, 1950-1970, *U.S. Census of Population*, vol. 1, chapters A and B, and *Supplementary Report, Metropolitan Statistical Areas*, (PC80-S1-18), and *Current Population Reports*, series P-26, No. 88-(Region)-SC.

## New England County Metropolitan Areas (NECMA'S)

NECMA	Popu- lation, <sup>1</sup> 1988 (1,000)	House- holds, <sup>2</sup> 1988 (1,000)	NECMA	Popu- lation, <sup>1</sup> 1988 (1,000)	House- holds, <sup>2</sup> 1988 (1,000)	NECMA	Popu- lation, <sup>1</sup> 1988 (1,000)	House- holds, <sup>2</sup> 1988 (1,000)
<b>Bangor, ME</b> .....	141	50	<b>Lewiston- Auburn, ME</b> .....	103	36	<b>Portland, ME</b> .....	235	92
Penobscot County .....	141	50	Androscoggin County .....	103	36	Cumberland County ..	235	92
<b>Boston-Lawrence- Salem-Lowell- Brookton, MA</b> .....	3,736	1,406	<b>Manchester- Nashua, NH</b> .....	332	124	<b>Portsmouth-Dover- Rochester, NH</b> .....	334	124
Essex County .....	654	250	Hillsborough County ..	332	124	Rockingham County ..	236	88
Middlesex County .....	1,374	507				Strafford County .....	99	36
Norfolk County .....	610	226	<b>New Bedford- Fall River- Attleboro, MA</b> .....	483	185	<b>Providence- Pawtucket- Woonsocket, RI</b> .....	908	336
Plymouth County .....	431	153	Bristol County .....	483	185	Bristol County .....	48	16
Suffolk County .....	667	273	<b>New Haven- Waterbury- Meriden, CT</b> .....	794	296	Kent County .....	161	60
<b>Bridgeport-Stamford- Norwalk- Danbury, CT</b> .....	817	300	New Haven County ..	794	296	Providence County .....	595	222
Fairfield County .....	817	300	<b>New London- Norwich, CT</b> .....	248	91	Washington County ..	104	37
<b>Burlington, VT</b> .....	135	50	New London County .....	248	91	<b>Springfield, MA</b> .....	592	219
Chittenden County .....	129	48	<b>Pittsfield, MA</b> .....	139	55	Hampden County .....	450	170
Grand Isle County .....	5	2	Berkshire County .....	139	55	Hampshire County .....	142	49
<b>Hartford-New Britain- Middletown- Bristol, CT</b> .....	1,108	417				<b>Worcester- Fitchburg- Leominster, MA</b> .....	675	250
Hartford County .....	843	321				Worcester County .....	675	250
Middlesex County .....	140	54						
Tolland County .....	125	42						

<sup>1</sup> As of July 1. <sup>2</sup> Source: Market Statistics, New York, NY, *1989 Survey of Buying Power*, August 1989 (copyright). Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 88-A.

## APPENDIX II

### Metropolitan Statistical Areas and their Components as of June 30, 1989

[Population estimated as of July 1, 1988. All MSA's are arranged alphabetically.  
For relationship of PMSA's to their CMSA's, see CMSA entry]

	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
<b>Abilene, TX MSA</b> .....	122	<b>Atlanta, GA MSA</b> .....	2,737	<b>Bellingham, WA MSA</b> .....	119
Taylor County.....	122	Barrow County.....	27	Whatcom County.....	119
<b>Akron, OH PMSA</b> .....	653	Butts County.....	17	<b>Benton Harbor, MI MSA</b> .....	167
Portage County.....	139	Cherokee County.....	86	Berrien County.....	167
Summit County.....	514	Clayton County.....	173	<b>Bergen-Passaic, NJ PMSA</b> .....	1,292
<b>Albany, GA MSA</b> .....	116	Cobb County.....	425	Bergen County.....	829
Dougherty County.....	101	Coweta County.....	51	Passaic County.....	463
Lee County.....	16	De Kalb County.....	545	<b>Billings, MT MSA</b> .....	116
<b>Albany-Schenectady-Troy, NY MSA</b> .....	851	Douglas County.....	73	Yellowstone County.....	116
Albany County.....	282	Fayette County.....	56	<b>Bliloxi-Gulfport, MS MSA</b> .....	205
Greene County.....	43	Forsyth County.....	43	Hancock County.....	34
Montgomery County.....	52	Fulton County.....	641	Harrison County.....	171
Rensselaer County.....	151	Gwinnett County.....	324	<b>Binghamton, NY MSA</b> .....	260
Saratoga County.....	173	Henry County.....	54	Broome County.....	209
Schenectady County.....	150	Newton County.....	43	Tioga County.....	52
<b>Albuquerque, NM MSA</b> .....	493	Paulding County.....	36	<b>Birmingham, AL MSA</b> .....	923
Bernalillo County.....	493	Rockdale County.....	52	Blount County.....	38
<b>Alexandria, LA MSA</b> .....	138	Spalding County.....	55	Jefferson County.....	679
Rapides Parish.....	138	Walton County.....	36	St. Clair County.....	49
<b>Allentown-Bethlehem, PA- NJ MSA</b> .....	677	<b>Atlantic City, NJ MSA</b> .....	309	Shelby County.....	88
Carbon County, PA.....	56	Atlantic County.....	213	Walker County.....	69
Lehigh County, PA.....	289	Cape May County.....	96	<b>Bismarck, ND MSA</b> .....	86
Northampton County, PA.....	244	<b>Augusta, GA-SC MSA</b> .....	396	Burleigh County.....	60
Warren County, NJ.....	89	Columbia County, GA.....	63	Morton County.....	25
<b>Altoona, PA MSA</b> .....	133	McDuffie County, GA.....	20	<b>Bloomington, IN MSA</b> .....	103
Blair County.....	133	Richmond County, GA.....	191	Monroe County.....	103
<b>Amarillo, TX MSA</b> .....	196	Aiken County, SC.....	122	<b>Bloomington-Normal, IL MSA</b> .....	125
Potter County.....	103	<b>Aurora-Elgin, IL PMSA</b> .....	355	McLean County.....	125
Randall County.....	94	Kane County.....	317	<b>Boise City, ID MSA</b> .....	201
<b>Anaheim-Santa Ana, CA PMSA</b> .....	2,257	Kendall County.....	39	Ada County.....	201
Orange County.....	2,257	<b>Austin, TX MSA</b> .....	748	<b>Boston, MA PMSA</b> .....	2,845
<b>Anchorage, AK MSA</b> .....	219	Hays County.....	64	Bristol County (pt.).....	39
Anchorage Borough.....	219	Travis County.....	556	Essex County (pt.).....	120
<b>Anderson, IN MSA</b> .....	132	Williamson County.....	128	Middlesex County (pt.).....	1,118
Madison County.....	132	<b>Bakersfield, CA MSA</b> .....	520	Norfolk County (pt.).....	599
<b>Anderson, SC MSA</b> .....	143	Kern County.....	520	Plymouth County (pt.).....	233
Anderson County.....	143	<b>Baltimore, MD MSA</b> .....	2,342	Suffolk County.....	667
<b>Ann Arbor, MI PMSA</b> .....	268	Anne Arundel County.....	418	Worcester County (pt.).....	69
Washtenaw County.....	268	Baltimore County.....	689	<b>Boston-Lawrence-Salem, MA-NH CMSA</b> .....	4,110
<b>Anniston, AL MSA</b> .....	123	Carroll County.....	119	Boston, MA PMSA.....	2,845
Calhoun County.....	123	Harford County.....	170	Brookton, MA PMSA.....	187
<b>Appleton-Oshkosh-Neenah, WI MSA</b> .....	313	Howard County.....	163	Lawrence-Haverhill, MA- NH PMSA.....	381
Calumet County.....	34	Queen Anne's County.....	32	Lowell, MA-NH PMSA.....	262
Outagamie County.....	141	Baltimore city.....	751	Nashua, NH PMSA.....	177
Winnebago County.....	138	<b>Bangor, ME MSA</b> .....	85	Salem-Gloucester, MA PMSA.....	259
<b>Asheville, NC MSA</b> .....	173	Penobscot County (pt.).....	82	<b>Boulder-Longmont, CO PMSA</b> .....	218
Buncombe County.....	173	Waldo County (pt.).....	3	Boulder County.....	218
<b>Athens, GA MSA</b> .....	145	<b>Baton Rouge, LA MSA</b> .....	537	<b>Bradenton, FL MSA</b> .....	187
Clarke County.....	78	Ascension Parish.....	59	Manatee County.....	187
Jackson County.....	30	East Baton Rouge Parish.....	384	<b>Brazoria, TX PMSA</b> .....	185
Madison County.....	21	Livingston Parish.....	73	Brazoria County.....	185
Oconee County.....	16	West Baton Rouge Parish.....	21	<b>Bremerton, WA MSA</b> .....	181
		<b>Battle Creek, MI MSA</b> .....	139	Kitsap County.....	181
		Calhoun County.....	139		
		<b>Beaumont-Port Arthur, TX MSA</b> .....	364		
		Hardin County.....	41		
		Jefferson County.....	240		
		Orange County.....	83		
		<b>Beaver County, PA PMSA</b> .....	190		
		Beaver County.....	190		



[See headnote, p. 911]

	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
<b>Bridgeport-Milford, CT</b>		<b>Chicago, IL PMSA</b>	<b>6,216</b>	Ellis County	83
<b>PMSA</b>	<b>444</b>	Cook County	5,284	Kaufman County	26
Fairfield County (pt.)	333	Du Page County	761	Rockwall County	58
New Haven County (pt.)	111	McHenry County	171		
<b>Bristol, CT PMSA</b>	<b>79</b>	<b>Chicago-Gary-Lake County</b>		<b>Dallas-Fort Worth, TX</b>	
Hartford County (pt.)	68	<b>(IL, IL-IN-WI CMSA)</b>	<b>8,181</b>	<b>CMSA</b>	<b>3,766</b>
Litchfield County (pt.)	11	Aurora-Elgin, IL PMSA	355	Dallas, TX PMSA	2,475
<b>Brockton, MA PMSA</b>	<b>187</b>	Chicago, IL PMSA	6,216	Fort Worth-Arlington, TX	
Bristol County (pt.)	20	Gary-Hammond, IN PMSA	612	<b>PMSA</b>	<b>1,291</b>
Norfolk County (pt.)	5	Joliet, IL PMSA	379	<b>Danbury, CT PMSA</b>	<b>191</b>
Plymouth County (pt.)	162	Kenosha, WI PMSA	123	Fairfield County (pt.)	166
<b>Brownsville-Harlingen, TX</b>		Lake County, IL PMSA	495	Litchfield County (pt.)	25
<b>MSA</b>	<b>264</b>	<b>Chico, CA MSA</b>	<b>174</b>	<b>Danville, VA MSA</b>	<b>108</b>
Cameron County	264	Butte County	174	Pittsylvania County	65
<b>Bryan-College Station, TX</b>		<b>Cincinnati, OH-KY-IN PMSA</b>	<b>1,449</b>	Danville city	43
<b>MSA</b>	<b>117</b>	Clermont County, OH	147	<b>Davenport-Rock Island-</b>	
Brazos County	117	Hamilton County, OH	874	<b>Moline, IA-IL MSA</b>	<b>364</b>
<b>Buffalo, NY PMSA</b>	<b>959</b>	Warren County, OH	111	Scott County, IA	155
Erie County	959	Boone County, KY	56	Henry County, IL	53
<b>Buffalo-Niagara Falls, NY</b>		Campbell County, KY	52	Rock Island County, IL	156
<b>CMSA</b>	<b>1,176</b>	Kenton County, KY	140	<b>Dayton-Springfield, OH</b>	
Buffalo, NY PMSA	959	Dearborn County, IN	38	<b>MSA</b>	<b>948</b>
Niagara Falls, NY PMSA	217	<b>Cincinnati-Hamilton, OH-</b>		Clark County	148
<b>Burlington, NC MSA</b>	<b>106</b>	<b>KY-IN CMSA</b>	<b>1,728</b>	Greene County	134
Alamance County	106	Cincinnati, OH-KY-IN		Miami County	92
<b>Burlington, VT MSA</b>	<b>129</b>	<b>PMSA</b>	<b>1,449</b>	Montgomery County	575
Chittenden County (pt.)	123	Hamilton-Middletown, OH		<b>Daytona Beach, FL MSA</b>	<b>348</b>
Franklin County (pt.)	3	<b>PMSA</b>	<b>280</b>	Volusia County	348
Grand Isle County (pt.)	3	<b>Clarksburg-Hopkinsville,</b>		<b>Decatur, AL MSA</b>	<b>133</b>
<b>Canton, OH MSA</b>	<b>401</b>	<b>TN-KY MSA</b>	<b>159</b>	Lawrence County	31
Carroll County	27	Montgomery County, TN	97	Morgan County	101
Stark County	375	Christian County, KY	62	<b>Decatur, IL MSA</b>	<b>124</b>
<b>Casper, WY MSA</b>	<b>65</b>	<b>Cleveland, OH PMSA</b>	<b>1,845</b>	Macon County	124
Natrona County	65	Cuyahoga County	1,431	<b>Denver, CO PMSA</b>	<b>1,640</b>
<b>Cedar Rapids, IA MSA</b>	<b>172</b>	Geauga County	79	Adams County	281
Linn County	172	Lake County	215	Arapahoe County	391
<b>Champaign-Urbana-Rantoul,</b>		Medina County	120	Denver County	492
<b>IL MSA</b>	<b>172</b>	<b>Cleveland-Akron-Lorain, OH</b>		Douglas County	45
Champaign County	172	<b>CMSA</b>	<b>2,769</b>	Jefferson County	430
<b>Charleston, SC MSA</b>	<b>511</b>	Akron, OH PMSA	653	<b>Denver-Boulder, CO CMSA</b>	<b>1,858</b>
Berkeley County	127	Cleveland, OH PMSA	1,845	Boulder-Longmont, CO	
Charleston County	302	Lorain-Elyria, OH PMSA	270	<b>PMSA</b>	<b>218</b>
Dorchester County	82	<b>Colorado Springs, CO MSA</b>	<b>394</b>	Denver, CO PMSA	1,640
<b>Charleston, WV MSA</b>	<b>261</b>	El Paso County	394	<b>Des Moines, IA MSA</b>	<b>392</b>
Kanawha County	219	<b>Columbia, MO MSA</b>	<b>106</b>	Dallas County	30
Putnam County	42	Boone County	106	Polk County	325
<b>Charlotte-Gastonia-Rock</b>		<b>Columbia, SC MSA</b>	<b>456</b>	Warren County	37
<b>Hill, NC-SC MSA</b>	<b>1,112</b>	Lexington County	171	<b>Detroit, MI PMSA</b>	<b>4,352</b>
Cabarrus County, NC	96	Richland County	286	Lapeer County	75
Gaston County, NC	174	<b>Columbus, GA-AL MSA</b>	<b>247</b>	Livingston County	113
Lincoln County, NC	49	Chattahoochee County, GA	18	Macomb County	707
Mecklenburg County, NC	476	Muscogee County, GA	179	Monroe County	136
Rowan County, NC	106	Russell County, AL	50	Oakland County	1,052
Union County, NC	84	<b>Columbus, OH MSA</b>	<b>1,344</b>	St. Clair County	146
York County, SC	127	Delaware County	63	Wayne County	2,123
<b>Charlottesville, VA MSA</b>	<b>124</b>	Fairfield County	102	<b>Detroit-Ann Arbor, MI</b>	
Albemarle County	61	Franklin County	938	<b>CMSA</b>	<b>4,620</b>
Fluvanna County	12	Licking County	127	Ann Arbor, MI PMSA	268
Greene County	9	Madison County	36	Detroit, MI PMSA	4,352
Charlottesville city	42	Pickaway County	47	<b>Dothan, AL MSA</b>	<b>131</b>
<b>Chattanooga, TN-GA MSA</b>	<b>438</b>	Union County	33	Dale County	50
Hamilton County, TN	292	<b>Corpus Christi, TX MSA</b>	<b>358</b>	Houston County	81
Marion County, TN	26	Nueces County	298	<b>Dubuque, IA MSA</b>	<b>91</b>
Sequatchie County, TN	9	San Patricio County	60	Dubuque County	91
Catoosa County, GA	42	<b>Cumberland, MD-WV MSA</b>	<b>102</b>	<b>Duluth, MN-WI MSA</b>	<b>241</b>
Dade County, GA	12	Allegany County, MD	75	St. Louis County, MN	199
Walker County, GA	58	Mineral County, WV	27	Douglas County, WI	42
<b>Cheyenne, WY MSA</b>	<b>75</b>	<b>Dallas, TX PMSA</b>	<b>2,475</b>	<b>Eau Claire, WI MSA</b>	<b>138</b>
Laramie County	75	Collin County	226	Chippewa County	54
		Dallas County	1,855	Eau Claire County	84
		Denton County	229		

[See headnote, p. 911]

	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
<b>El Paso, TX MSA</b> .....	586	<b>Fort Worth-Arlington, TX</b>		<b>Middletown, CT PMSA</b> .....	86
El Paso County .....	586	<b>PMSA</b> .....	1,291	New Britain, CT PMSA .....	148
<b>Elkhart-Goshen, IN MSA</b> .....	151	Johnson County .....	98	<b>Hickory, NC MSA</b> .....	222
Elkhart County .....	151	Parker County .....	65	Alexander County .....	28
<b>Elmira, NY MSA</b> .....	92	Tarrant County .....	1,129	Burke County .....	77
Chemung County .....	92	<b>Fresno, CA MSA</b> .....	615	Catawba County .....	117
<b>Enid, OK MSA</b> .....	58	Fresno County .....	615	<b>Honolulu, HI MSA</b> .....	838
Garfield County .....	58	<b>Gadsden, AL MSA</b> .....	103	Honolulu County .....	838
<b>Erie, PA MSA</b> .....	277	Etowah County .....	103	<b>Houma-Thibodaux, LA MSA</b> ..	183
Erie County .....	277	<b>Gainesville, FL MSA</b> .....	208	Lafourche Parish .....	85
<b>Eugene-Springfield, OR</b>		Alachua County .....	183	Terrebonne Parish .....	98
<b>MSA</b> .....	270	Bradford County .....	25	<b>Houston, TX PMSA</b> .....	3,247
Lane County .....	270	<b>Galveston-Texas City, TX</b>		Fort Bend County .....	205
<b>Evansville, IN-KY MSA</b> .....	281	<b>PMSA</b> .....	210	Harris County .....	2,787
Posey County, IN .....	26	Galveston County .....	210	Liberty County .....	53
Vanderburgh County, IN .....	166	<b>Gary-Hammond, IN PMSA</b> .....	612	Montgomery County .....	179
Warrick County, IN .....	46	Lake County .....	488	Waller County .....	23
Henderson County, KY .....	42	Porter County .....	124	<b>Houston-Galveston-</b>	
<b>Fall River, MA-RI PMSA</b> .....	154	<b>Glens Falls, NY MSA</b> .....	116	<b>Brazoria, TX CMSA</b> .....	3,641
Bristol County, MA (pt.) .....	136	Warren County .....	57	Brazoria, TX PMSA .....	185
Newport County, RI (pt.) .....	18	Washington County .....	59	Galveston-Texas City, TX	
<b>Fargo-Moorhead, ND-MN</b>		<b>Grand Forks, ND MSA</b> .....	70	<b>PMSA</b> .....	210
<b>MSA</b> .....	148	Grand Forks County .....	70	Houston, TX PMSA .....	3,247
Cass County, ND .....	100	<b>Grand Rapids, MI MSA</b> .....	665	<b>Huntington-Ashland,</b>	
Clay County, MN .....	48	Kent County .....	485	<b>WV-KY-OH MSA</b> .....	322
<b>Fayetteville, NC MSA</b> .....	256	Ottawa County .....	181	Cabell County, WV .....	101
Cumberland County .....	256	<b>Great Falls, MT MSA</b> .....	78	Wayne County, WV .....	44
<b>Fayetteville-Springdale, AR</b>		Cascade County .....	78	Boyd County, KY .....	52
<b>MSA</b> .....	111	<b>Greeley, CO MSA</b> .....	136	Carter County, KY .....	25
Washington County .....	111	Weld County .....	136	Greenup County, KY .....	38
<b>Fitchburg-Leominster, MA</b>		<b>Green Bay, WI MSA</b> .....	191	Lawrence County, OH .....	63
<b>MSA</b> .....	98	Brown County .....	191	<b>Huntsville, AL MSA</b> .....	237
Middlesex County (pt.) .....	3	<b>Greensboro-Winston-</b>		Madison County .....	237
Worcester County (pt.) .....	95	<b>Salem-High Point,</b>		<b>Indianapolis, IN MSA</b> .....	1,237
<b>Flint, MI MSA</b> .....	431	<b>NC MSA</b> .....	925	Boone County .....	89
Genesee County .....	431	Davidson County .....	124	Hamilton County .....	102
<b>Florence, AL MSA</b> .....	136	Davie County .....	28	Hancock County .....	46
Colbert County .....	53	Forsyth County .....	266	Handricks County .....	77
Lauderdale County .....	82	Guilford County .....	337	Johnson County .....	86
<b>Florence, SC MSA</b> .....	118	Randolph County .....	103	Marion County .....	792
Florence County .....	118	Stokes County .....	36	Morgan County .....	55
<b>Fort Collins-Loveland, CO</b>		Yadkin County .....	30	Shelby County .....	40
<b>MSA</b> .....	182	<b>Greenville-Spartanburg, SC</b>		<b>Iowa City, IA MSA</b> .....	87
Larimer County .....	182	<b>MSA</b> .....	621	Johnson County .....	87
<b>Fort Lauderdale-</b>		Greenville County .....	315	<b>Jackson, MI MSA</b> .....	149
<b>Hollywood-Pompano</b>		Pickens County .....	90	Jackson County .....	149
<b>Beach, FL PMSA</b> .....	1,187	Spartanburg County .....	216	<b>Jackson, MS MSA</b> .....	396
Broward County .....	1,187	<b>Hagerstown, MD MSA</b> .....	118	Hinds County .....	253
<b>Fort Myers-Cape Coral, FL</b>		Washington County .....	118	Madison County .....	56
<b>MSA</b> .....	309	<b>Hamilton-Middletown, OH</b>		Rankin County .....	87
Lee County .....	309	<b>PMSA</b> .....	280	<b>Jackson, TN MSA</b> .....	78
<b>Fort Pierce, FL MSA</b> .....	232	Butler County .....	280	Madison County .....	78
Martin County .....	96	<b>Harrisburg-Lebanon-</b>		<b>Jacksonville, FL MSA</b> .....	898
St. Lucie County .....	136	<b>Carlisle, PA MSA</b> .....	591	Clay County .....	100
<b>Fort Smith, AR-OK MSA</b> .....	181	Cumberland County .....	195	Duval County .....	673
Crawford County, AR .....	44	Dauphin County .....	241	Nassau County .....	45
Sequoyah County, OK .....	36	Lebanon County .....	114	St. Johns County .....	79
<b>Fort Walton Beach, FL MSA</b> ..	151	Perry County .....	41	<b>Jacksonville, NC MSA</b> .....	126
Okaloosa County .....	151	<b>Hartford, CT PMSA</b> .....	755	Onslow County .....	126
<b>Fort Wayne, IN MSA</b> .....	367	Hartford County (pt.) .....	627	<b>Jamestown-Dunkirk, NY</b> .....	141
Allen County .....	304	Litchfield County (pt.) .....	8	Chautauqua County .....	141
De Kalb County .....	36	Middlesex County (pt.) .....	7	<b>Janesville-Beloit, WI MSA</b> .....	136
Whitley County .....	28	New London County (pt.) .....	9	Rock County .....	136
		Tolland County (pt.) .....	105	<b>Jersey City, NJ PMSA</b> .....	542
		<b>Hartford-New Britain-</b>		Hudson County .....	542
		<b>Middletown, CT CMSA</b> .....	1,068	<b>Johnson City-Kingsport-</b>	
		Bristol, CT PMSA .....	79	<b>Bristol, TN-VA MSA</b> .....	442
		Hartford, CT PMSA .....	755	Carter County, TN .....	51
				Hawkins County, TN .....	45
				Sullivan County, TN .....	147
				Union County, TN .....	17

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	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
Washington County, TN .....	92	Laredo, TX MSA .....	129	Campbell County .....	47
Scott County, VA .....	25	Webb County .....	129	Lynchburg city .....	70
Washington County, VA .....	47	Las Cruces, NM MSA .....	132	<b>Macon-Warner Robins, GA</b>	
Bristol city, VA .....	17	Dona Ana County .....	132	<b>MSA .....</b>	287
<b>Johnstown, PA MSA .....</b>	251	Las Vegas, NV MSA .....	631	Bibb County .....	158
Cambria County .....	170	Clark County .....	631	Houston County .....	89
Somerset County .....	80	Lawrence, KS MSA .....	76	Jones County .....	19
<b>Joliet, IL PMSA .....</b>	379	Douglas County .....	76	Peach County .....	21
Grundy County .....	33	Lawrence-Haverhill, MA-		<b>Madison, WI MSA .....</b>	353
Will County .....	347	<b>NH PMSA .....</b>	381	Dane County .....	353
<b>Joplin, MO MSA .....</b>	136	Essex County, MA (pt.) .....	275	<b>Manchester, NH MSA .....</b>	150
Jasper County .....	92	Rockingham County, NH		Hillsborough County (pt.) .....	128
Newton County .....	44	(pt.) .....	105	Merrimack County (pt.) .....	14
<b>Kalamazoo, MI MSA .....</b>	218	Lawton, OK MSA .....	119	Rockingham County (pt.) .....	8
Kalamazoo County .....	218	Comanche County .....	119	<b>Mansfield, OH MSA .....</b>	129
<b>Kankakee, IL MSA .....</b>	98	Lewiston-Auburn, ME MSA .....	87	Richland County .....	129
Kankakee County .....	98	Androscoggin County (pt.) .....	87	<b>McAllen-Edinburg-Mission,</b>	
<b>Kansas City, MO-KS MSA .....</b>	1,575	Lexington-Fayette, KY MSA .....	348	<b>TX MSA .....</b>	388
Cass County, MO .....	61	Bourbon County .....	19	Hidalgo County .....	388
Clay County, MO .....	151	Clark County .....	30	<b>Medford, OR MSA .....</b>	146
Jackson County, MO .....	645	Fayette County .....	226	Jackson County .....	146
Lafayette County, MO .....	31	Jessamine County .....	31	<b>Melbourne-Titusville-Palm</b>	
Platte County, MO .....	56	Scott County .....	23	<b>Bay, FL MSA .....</b>	388
Ray County, MO .....	23	Woodford County .....	20	Brevard County .....	388
Johnson County, KS .....	346	<b>Lima, OH MSA .....</b>	157	<b>Memphis, TN-AR-MS MSA .....</b>	979
Leavenworth County, KS .....	66	Allen County .....	112	Shelby County, TN .....	82
Miami County, KS .....	24	Auglaize County .....	45	Tipton County, TN .....	38
Wyandotte County, KS .....	173	<b>Lincoln, NE MSA .....</b>	212	Crittenden County, AR .....	51
<b>Kenosha, WI MSA .....</b>	123	Lancaster County .....	212	De Soto County MS .....	70
Kenosha County .....	123	<b>Little Rock-North Little</b>		<b>Merced, CA MSA .....</b>	170
<b>Killeen-Temple, TX MSA .....</b>	240	<b>Rock, AR MSA .....</b>	513	Merced County .....	170
Bell County .....	178	Faulkner County .....	56	<b>Miami-Fort Lauderdale, FL</b>	
Coryell County .....	61	Lonoke County .....	39	<b>CMSA .....</b>	3,001
<b>Knoxville, TN MSA .....</b>	600	Pulaski County .....	357	Fort Lauderdale-Hollywood-	
Anderson County .....	71	Saline County .....	61	Pompano Beach, FL	
Blount County .....	85	<b>Longview-Marshall, TX MSA .....</b>	167	PMSA .....	1,187
Grainger County .....	17	Gregg County .....	109	Miami-Hialeah, FL PMSA .....	1,814
Jefferson County .....	33	Harrison County .....	58	<b>Miami-Hialeah, FL PMSA .....</b>	1,814
Knox County .....	331	<b>Lorain-Elyria, OH PMSA .....</b>	270	Dade County .....	1,814
Sevier County .....	50	Lorain County .....	270	<b>Middlesex-Somerset-</b>	
Union County .....	13	<b>Los Angeles-Anaheim-</b>		<b>Hunterdon, NJ PMSA .....</b>	978
<b>Kokomo, IN MSA .....</b>	99	<b>Riverside, CA CMSA .....</b>	13,770	Hunterdon County .....	100
Howard County .....	83	Anaheim-Santa Ana, CA		Middlesex County .....	652
Tipton County .....	16	PMSA .....	2,257	Somerset County .....	226
<b>La Crosse, WI MSA .....</b>	96	Los Angeles-Long Beach,		<b>Middletown, CT PMSA .....</b>	86
La Crosse County .....	96	CA PMSA .....	8,588	Middlesex County (pt.) .....	86
<b>Lafayette, LA MSA .....</b>	210	Oxnard-Ventura, CA PMSA .....	647	<b>Midland, TX MSA .....</b>	107
Lafayette Parish .....	165	Riverside-San Bernardino,		Midland County .....	107
St. Martin Parish .....	45	CA PMSA .....	2,278	<b>Milwaukee, WI PMSA .....</b>	1,398
<b>Lafayette-West Lafayette,</b>		<b>Los Angeles-Long Beach,</b>		Milwaukee County .....	930
<b>IN MSA .....</b>	125	<b>CA PMSA .....</b>	8,588	Ozaukee County .....	72
Tippacnoe County .....	125	Los Angeles County .....	8,588	Washington County .....	93
<b>Lake Charles, LA MSA .....</b>	172	Louisville, KY-IN MSA .....	967	Waukesha County .....	302
Calcasieu Parish .....	172	Bullitt County, KY .....	48	<b>Milwaukee-Racine, WI</b>	
<b>Lake County, IL PMSA .....</b>	495	Jefferson County, KY .....	676	<b>CMSA .....</b>	1,572
Lake County .....	495	Oldham County, KY .....	35	Milwaukee, WI PMSA .....	1,398
<b>Lakeland-Winter Haven, FL</b>		Shelby County, KY .....	25	Racine, WI PMSA .....	174
<b>MSA .....</b>	396	Clark County, IN .....	89	<b>Minneapolis-St. Paul,</b>	
Polk County .....	396	Floyd County, IN .....	65	<b>MN-WI MSA .....</b>	2,388
<b>Lancaster, PA MSA .....</b>	414	Harrison County, IN .....	29	Anoka County, MN .....	236
Lancaster County .....	414	<b>Lowell, MA-NH PMSA .....</b>	262	Carver County, MN .....	44
<b>Lansing-East Lansing, MI</b>		Middlesex County, MA (pt.) .....	252	Chisago County, MN .....	30
<b>MSA .....</b>	428	Hillsborough County, NH		Dakota County, MN .....	253
Clinton County .....	58	(pt.) .....	9	Hennepin County, MN .....	1,009
Eaton County .....	94	<b>Lubbock, TX MSA .....</b>	227	Isanti County, MN .....	26
Ingham County .....	276	Lubbock County .....	227	Ramsey County, MN .....	479
		<b>Lynchburg, VA MSA .....</b>	145	Scott County, MN .....	55
		Amherst County .....	29	Washington County, MN .....	138
				Wright County, MN .....	69
				St. Croix County, WI .....	49

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	1988 Population (1,000)		1988 Population (1,000)		1988 Population (1,000)
<b>Mobile, AL MSA</b> .....	486	<b>New York-Northern New Jersey-Long Island, NY-NJ-CT MSA</b> .....	18,120	<b>Oxnard-Ventura, CA MSA</b> .....	647
Baldwin County.....	96	Bergen-Passaic, NJ PMSA.....	1,292	Ventura County.....	647
Mobile County.....	389	Bridgeport-Milford, CT PMSA.....	444	<b>Panama City, FL MSA</b> .....	125
<b>Modesto, CA MSA</b> .....	341	Danbury, CT PMSA.....	191	Bay County.....	125
Stanislaus County.....	341	Jersey City, NJ PMSA.....	542	<b>Parkersburg-Marietta, WV-OH MSA</b> .....	154
<b>Monmouth-Ocean, NJ PMSA</b> .....	969	Middlesex-Somerset-Hunterdon, NJ PMSA.....	978	Wood County, WV.....	91
Monmouth County.....	559	Monmouth-Ocean, NJ PMSA.....	969	Washington County, OH.....	64
Ocean County.....	411	Nassau-Suffolk, NY PMSA.....	2,639	<b>Pascagoula, MS MSA</b> .....	128
<b>Monroe, LA MSA</b> .....	144	New York, NY PMSA.....	8,567	Jackson County.....	128
Quachita Parish.....	144	Newark, NJ PMSA.....	1,886	<b>Pawtucket-Woonsocket-Attleboro, RI-MA PMSA</b> .....	325
<b>Montgomery, AL MSA</b> .....	301	Norwalk, CT PMSA.....	126	Providence County, RI (pt.).....	229
Autauga County.....	36	Orange County, NY PMSA.....	294	Bristol County, MA (pt.).....	80
Elmore County.....	50	Stamford, CT PMSA.....	192	Norfolk County, MA (pt.).....	6
Montgomery County.....	215	<b>Newark, NJ PMSA</b> .....	1,886	Worcester County, MA (pt.).....	10
<b>Muncie, IN MSA</b> .....	120	Essex County.....	839	<b>Pensacola, FL MSA</b> .....	350
Delaware County.....	120	Morris County.....	421	Escambia County.....	279
<b>Muskegon, MI MSA</b> .....	161	Sussex County.....	127	Santa Rosa County.....	71
Muskegon County.....	161	Union County.....	500	<b>Peoria, IL MSA</b> .....	340
<b>Naples, FL MSA</b> .....	139	<b>Niagara Falls, NY PMSA</b> .....	217	Peoria County.....	183
Collier County.....	139	Niagara County.....	217	Tazewell County.....	125
<b>Nashua, NH PMSA</b> .....	177	<b>Norfolk-Virginia Beach-Newport News, VA MSA</b> .....	1,380	Woodford County.....	33
Hillsborough County (pt.).....	159	Gloucester County.....	30	<b>Philadelphia, PA-NJ PMSA</b> .....	4,920
Rockingham County (pt.).....	18	James City County.....	33	Bucks County, PA.....	544
<b>Nashville, TN MSA</b> .....	972	York County.....	43	Chester County, PA.....	367
Cheatham County.....	27	Chesapeake city.....	148	Delaware County, PA.....	557
Davidson County.....	507	Hampton city.....	131	Montgomery County, PA.....	688
Dickson County.....	35	Newport News city.....	160	Philadelphia County, PA.....	1,647
Robertson County.....	43	Norfolk city.....	286	Burlington County, NJ.....	398
Rutherford County.....	112	Poquoson city.....	11	Camden County, NJ.....	502
Sumner County.....	102	Portsmouth city.....	108	Gloucester County, NJ.....	219
Williamson County.....	78	Suffolk city.....	52	<b>Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA</b> .....	5,963
Wilson County.....	69	Virginia Beach city.....	365	Philadelphia, PA-NJ PMSA.....	4,920
<b>Nassau-Suffolk, NY PMSA</b> .....	2,639	Williamsburg city.....	13	Trenton, NJ PMSA.....	331
Nassau County.....	1,318	<b>Norwalk, CT PMSA</b> .....	126	Vineland-Millville-Bridgeton, NJ PMSA.....	138
Suffolk County.....	1,321	Fairfield County (pt.).....	126	Wilmington, DE-NJ-MD PMSA.....	573
<b>New Bedford, MA MSA</b> .....	168	<b>Oakland, CA PMSA</b> .....	2,006	<b>Phoenix, AZ MSA</b> .....	2,030
Bristol County (pt.).....	153	Alameda County.....	1,241	Maricopa County.....	2,030
Plymouth County (pt.).....	14	Contra Costa County.....	765	<b>Pine Bluff, AR MSA</b> .....	91
<b>New Britain, CT PMSA</b> .....	148	<b>Ocala, FL MSA</b> .....	190	Jefferson County.....	91
Hartford County (pt.).....	148	Marion County.....	190	<b>Pittsburgh, PA PMSA</b> .....	2,094
<b>New Haven-Meriden, CT MSA</b> .....	524	<b>Odessa, TX MSA</b> .....	125	Allegheny County.....	1,354
Middlesex County (pt.).....	18	Ector County.....	125	Fayette County.....	152
New Haven County (pt.).....	505	<b>Oklahoma City, OK MSA</b> .....	964	Washington County.....	209
<b>New London-Norwich, CT-RI MSA</b> .....	259	Canadian County.....	74	Westmoreland County.....	379
New London County, CT (pt.).....	229	Cleveland County.....	163	<b>Pittsburgh-Beaver Valley, PA CMSA</b> .....	2,284
Windham County, CT (pt.).....	4	Logan County.....	30	Beaver County, PA PMSA.....	190
Washington County, RI (pt.).....	26	McClain County.....	24	Pittsburgh, PA PMSA.....	2,094
<b>New Orleans, LA MSA</b> .....	1,307	Oklahoma County.....	614	<b>Pittsfield, MA MSA</b> .....	79
Jefferson Parish.....	471	Pottawatomie County.....	59	Berkshire County (pt.).....	79
Orleans Parish.....	532	<b>Olympia, WA MSA</b> .....	157	<b>Portland, ME MSA</b> .....	212
St. Bernard Parish.....	68	Thurston County.....	157	Cumberland County (pt.).....	194
St. Charles Parish.....	44	<b>Omaha, NE-IA MSA</b> .....	622	York County (pt.).....	19
St. John The Baptist Parish.....	41	Douglas County, NE.....	419	<b>Portland, OR PMSA</b> .....	1,188
St. Tammany Parish.....	150	Sarpy County, NE.....	98	Clackamas County.....	271
<b>New York, NY PMSA</b> .....	8,567	Washington County, NE.....	16	Multnomah County.....	564
Bronx County.....	1,223	Pottawattamie County, IA.....	89	Washington County.....	293
Kings County.....	2,314	<b>Orange County, NY PMSA</b> .....	294	Yarnhill County.....	61
New York County.....	1,510	Orange County.....	294	<b>Portland-Vancouver, OR-WA CMSA</b> .....	1,414
Putnam County.....	94	<b>Orlando, FL MSA</b> .....	971	Portland, OR PMSA.....	1,168
Queens County.....	1,925	Osceola County.....	90	Vancouver, WA PMSA.....	226
Richmond County.....	380	Seminole County.....	270		
Rockland County.....	266	<b>Owensboro, KY MSA</b> .....	88		
Westchester County.....	865	Daviess County.....	88		

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	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
<b>Portsmouth-Dover- Rochester, NH-ME MSA</b>	220	<b>Rochester, MN MSA</b>	101	<b>Santa Rosa-Petaluma, CA PMSA</b>	366
Rockingham County, NH (pt.)	75	Olmsted County	101	Vallejo-Fairfield-Napa, CA PMSA	421
Strafford County, NH (pt.)	94	<b>Rochester, NY MSA</b>	980	<b>San Jose, CA PMSA</b>	1,432
York County, ME (pt.)	51	Livingston County	59	Santa Clara County	1,432
<b>Poughkeepsie, NY MSA</b>	262	Monroe County	700	<b>Santa Barbara-Santa Maria- Lompoc, CA MSA</b>	343
Dutchess County	262	Ontario County	92	Santa Barbara County	343
<b>Providence, RI PMSA</b>	647	Orleans County	40	<b>Santa Cruz, CA PMSA</b>	227
Bristol County	48	Wayne County	89	Santa Cruz County	227
Kent County (pt.)	158	<b>Rockford, IL MSA</b>	282	<b>Santa Fe, NM MSA</b>	112
Newport County (pt.)	5	Boone County	30	Los Alamos County	19
Providence County (pt.)	366	Winnebago County	252	Santa Fe County	93
Washington County (pt.)	70	<b>Sacramento, CA MSA</b>	1,385	<b>Santa Rosa-Petaluma, CA PMSA</b>	366
<b>Providence-Pawtucket-Fall River, RI-MA CMSA</b>	1,125	El Dorado County	121	Sonoma County	366
Fall River, MA-RI PMSA	154	Placer County	977	<b>Sarasota, FL MSA</b>	261
Pawtucket-Woonsocket- Attleboro, RI-MA PMSA	325	Sacramento County	977	Sarasota County	261
Providence, RI PMSA	647	Yolo County	132	<b>Savannah, GA MSA</b>	244
<b>Provo-Orem, UT MSA</b>	243	<b>Saginaw-Bay City-Midland, MI MSA</b>	406	Chatham County	220
Utah County	243	Bay County	116	Effingham County	24
<b>Pueblo, CO MSA</b>	128	Midland County	75	<b>Scranton-Wilkes-Barre, PA MSA</b>	737
Pueblo County	128	Saginaw County	215	Columbia County	61
<b>Racine, WI PMSA</b>	174	<b>St. Cloud, MN MSA</b>	181	Lackawanna County	222
Racine County	174	Benton County	28	Luzerne County	332
<b>Raleigh-Durham, NC MSA</b>	683	Sherburne County	36	Monroe County	93
Durham County	171	Stearns County	117	Wyoming County	28
Franklin County	35	<b>St. Joseph, MO MSA</b>	85	<b>Seattle, WA PMSA</b>	1,862
Orange County	88	Buchanan County	85	King County	1,439
Wake County	368	<b>St. Louis, MO-IL MSA</b>	2,467	Snohomish County	423
<b>Rapid City, SD MSA</b>	82	Franklin County, MO	79	<b>Seattle-Tacoma, WA CMSA</b>	2,421
Pennington County	82	Jefferson County, MO	172	Seattle, WA PMSA	1,862
<b>Reading, PA MSA</b>	329	St. Charles County, MO	204	Tacoma, WA PMSA	559
Berks County	329	St. Louis County, MO	1,009	<b>Sharon, PA MSA</b>	122
<b>Redding, CA MSA</b>	140	St. Louis city, MO	403	Mercer County	122
Shasta County	140	Clinton County, IL	34	<b>Sheboygan, WI MSA</b>	103
<b>Reno, NV MSA</b>	240	Jersey County, IL	21	Sheboygan County	103
Washoe County	240	Madison County, IL	252	<b>Sherman-Denison, TX MSA</b>	98
<b>Richland-Kennebec-Pasco, WA MSA</b>	146	Monroe County, IL	22	Grayson County	98
Benton County	112	St. Clair County, IL	270	<b>Shreveport, LA MSA</b>	359
Franklin County	34	<b>Salem, OR MSA</b>	270	Bossier Parish	90
<b>Richmond-Petersburg, VA MSA</b>	844	Marion County	221	Caddo Parish	269
Charles City County	7	Polk County	48	<b>Sioux City, IA-NE MSA</b>	116
Chesterfield County	184	<b>Salem-Gloucester, MA PMSA</b>	259	Woodbury County, IA	98
Dinwiddie County	21	Essex County (pt.)	259	Dakota County, NE	17
Goochland County	14	<b>Salinas-Seaside-Monterey, CA MSA</b>	349	<b>Sioux Falls, SD MSA</b>	126
Hanover County	60	Monterey County	349	Minnehaha County	126
Henrico County	209	<b>Salt Lake City-Ogden, UT MSA</b>	1,065	<b>South Bend-Mishawaka, IN MSA</b>	244
New Kent County	11	Davis County	185	St. Joseph County	244
Powhatan County	14	Salt Lake County	720	<b>Spokane, WA MSA</b>	356
Prince George County	25	Weber County	160	Spokane County	356
Colonial Heights city	25	<b>San Angelo, TX MSA</b>	99	<b>Springfield, IL MSA</b>	192
Hopewell city	25	Torn Green County	99	Menard County	12
Petersburg city	43	<b>San Antonio, TX MSA</b>	1,323	Sangamon County	180
Richmond city	213	Bexar County	1,212	<b>Springfield, MA MSA</b>	523
<b>Riverside-San Bernardino, CA PMSA</b>	2,278	Comal County	51	Hampden County (pt.)	439
Riverside County	985	Guadalupe County	61	Hampshire County (pt.)	83
San Bernardino County	1,292	<b>San Diego, CA MSA</b>	2,370	<b>Springfield, MO MSA</b>	234
<b>Roanoke, VA MSA</b>	222	San Diego County	2,370	Christian County	30
Botetourt County	25	<b>San Francisco, CA PMSA</b>	1,590	Greene County	204
Roanoke County	74	Marin County	230	<b>Stamford, CT PMSA</b>	192
Roanoke city	98	San Francisco County	732	Fairfield County (pt.)	192
Salem city	25	San Mateo County	628		
		<b>San Francisco-Oakland-San Jose, CA CMSA</b>	6,042		
		Oakland, CA PMSA	2,006		
		San Francisco, CA PMSA	1,590		
		San Jose, CA PMSA	1,432		
		Santa Cruz, CA PMSA	227		

[See headnote, p. 911]

	1988 Popu- lation (1,000)		1988 Popu- lation (1,000)		1988 Popu- lation (1,000)
<b>State College, PA MSA</b> .....	116	Tulsa County.....	517	<b>Waterloo-Cedar Falls, IA</b>	
Centre County.....	116	Wagoner County.....	51	<b>MSA</b> .....	148
<b>Steubenville-Weirton, OH- WV MSA</b> .....	148	<b>Tuscaloosa, AL MSA</b> .....	145	Black Hawk County.....	124
Jefferson County, OH.....	82	Tuscaloosa County.....	145	Bremer County.....	23
Brooke County, WV.....	28	<b>Tyler, TX MSA</b> .....	153	<b>Wausau, WI MSA</b> .....	113
Hancock County, WV.....	37	Smith County.....	153	Marathon County.....	113
<b>Stockton, CA MSA</b> .....	456	<b>Utica-Rome, NY MSA</b> .....	313	<b>West Palm Beach-Boca Raton-Delray Beach, FL</b>	
San Joaquin County.....	456	Herkimer County.....	67	<b>MSA</b> .....	818
<b>Syracuse, NY MSA</b> .....	650	Oneida County.....	246	Palm Beach County.....	818
Madison County.....	67	<b>Vallejo-Fairfield-Napa, CA</b>		<b>Wheeling, WV-OH MSA</b> .....	172
Onondaga County.....	462	<b>PMSA</b> .....	421	Marshall County, WV.....	39
Oswego County.....	122	Napa County.....	107	Ohio County, WV.....	57
<b>Tacoma, WA PMSA</b> .....	559	Solano County.....	314	Belmont County, OH.....	76
Pierce County.....	559	<b>Vancouver, WA PMSA</b> .....	226	<b>Wichita, KS MSA</b> .....	483
<b>Tallahassee, FL MSA</b> .....	229	Clark County.....	226	Butler County.....	50
Gadsden County.....	46	<b>Victoria, TX MSA</b> .....	74	Harvey County.....	31
Leon County.....	183	Victoria County.....	74	Sedgwick County.....	402
<b>Tampa-St. Petersburg- Clearwater, FL MSA</b> .....	1,995	<b>Vineland-Millville-Bridgeton, NJ PMSA</b> .....	138	<b>Wichita Falls, TX MSA</b> .....	125
Hernando County.....	94	Cumberland County.....	138	Wichita County.....	125
Hillsborough County.....	815	<b>Visalia-Tulare-Porterville, CA MSA</b> .....	298	<b>Williamsport, PA MSA</b> .....	118
Pasco County.....	265	Tulare County.....	298	Lycoming County.....	118
Pinellas County.....	821	<b>Waco, TX MSA</b> .....	188	<b>Wilmington, DE-NJ-MD</b>	
<b>Terre Haute, IN MSA</b> .....	133	McLennan County.....	188	<b>PMSA</b> .....	573
Clay County.....	25	<b>Washington, DC-MD-VA</b>		New Castle County, DE.....	435
Vigo County.....	107	<b>MSA</b> .....	3,734	Salem County, NJ.....	66
<b>Texarkana, TX-Texarkana, AR MSA</b> .....	119	Washington, DC.....	617	Cecil County, MD.....	72
Bowie County, TX.....	80	Calvert County, MD.....	48	<b>Wilmington, NC MSA</b> .....	117
Miller County, AR.....	39	Charles County, MD.....	95	New Hanover County.....	117
<b>Toledo, OH MSA</b> .....	616	Frederick County, MD.....	140	<b>Worcester, MA MSA</b> .....	416
Fulton County.....	39	Montgomery County, MD.....	705	Worcester County (pt.).....	416
Lucas County.....	466	Prince Georges County, MD.....	701	<b>Yakima, WA MSA</b> .....	186
Wood County.....	112	Arlington County, VA.....	154	Yakima County.....	186
<b>Topeka, KS MSA</b> .....	165	Fairfax County, VA.....	770	<b>York, PA MSA</b> .....	410
Shawnee County.....	165	Loudoun County, VA.....	77	Adams County.....	74
<b>Trenton, NJ PMSA</b> .....	331	Prince William County, VA.....	198	York County.....	336
Mercer County.....	331	Stafford County, VA.....	59	<b>Youngstown-Warren, OH</b>	
<b>Tucson, AZ MSA</b> .....	636	Alexandria city, VA.....	108	<b>MSA</b> .....	502
Pima County.....	636	Fairfax city, VA.....	21	Mahoning County.....	272
<b>Tulsa, OK MSA</b> .....	728	Falls Church city, VA.....	9	Trumbull County.....	230
Creek County.....	64	Manassas city, VA.....	23	<b>Yuba City, CA MSA</b> .....	118
Osage County.....	39	Manassas Park city, VA.....	7	Sutter County.....	62
Rogers County.....	56	<b>Waterbury, CT MSA</b> .....	216	Yuba County.....	57
		Litchfield County (pt.).....	37		
		New Haven County (pt.).....	179		

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 88-A; press release (CB89-145); and unpublished data.



## Appendix III Statistical Methodology and Reliability

**Introduction.**—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the National Education Association and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses."

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population*, or simply as the *universe* or *population*. Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household." The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame*.

The data in many tables are based on data obtained for all population units, a *census*, or on data obtained for only a portion, or *sample*, of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample*. This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single-stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. For surveys of economic entities and for the economic census, the Census Bureau generally uses a frame constructed from the Bureau's Standard Statistical Establishment List (SSEL). The SSEL contains all establishments with payroll in the U.S. including small single establishment firms as well as large multi-establishment firms.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates*. In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising

from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the *relative standard error* or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates derived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68% of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
2. Approximately 90% of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples.
3. Approximately 95% of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90% confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), inability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also occur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations usually are made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.



For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sampling errors, in terms of estimated standard errors or coefficients of variation, are available. To obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

**Principal data bases.**—Beginning below are brief descriptions of 34 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract*.

#### SECTION 1. POPULATION

**Source and Title:** Bureau of the Census, *Census of Population*

**Tables:** See tables citing *Census of Population* in section 1 and also in sections 2, 4, 6, 8, 13, 14, 26, and 30.

**Universe, Frequency, and Types of Data:** Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.

**Type of Data Collection Operation:** In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19% of the housing units were included in the sample.

**Data Collection and Imputation Procedures:** In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents was done in both censuses. Imputations were made for missing characteristics.

**Estimates of Sampling Error:** Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area. The CV's for national and State estimates are generally very small.

**Other (nonsampling) Errors:** Since 1950, evaluation programs have been conducted to provide information on the magnitude of some sources of nonsampling errors such as response bias and undercoverage in each census. Results from the evaluation program for the 1980 census indicate that coverage improved substantially over previous censuses; demographic analysis estimated the net undercount at between 1.0 and 2.2 percent in 1980.

**Sources of Additional Material:** U.S. Bureau of the Census, *The Coverage of Population in the 1980 Census*, PHC80-E4; *Content Reinterview Study: Accuracy of Data for Selected Population and Housing Characteristics as Measured by Reinterview*, PHC80-E2; *1980 Census of Population*, vol 1, (PC80-1), Appendixes B, C, and D.

**Source and Title:** U.S. Bureau of the Census, *Current Population Survey (CPS)*

**Tables:** See tables citing *Current Population Reports* primarily in section 1, but also in sections 2, 3, 4, 8, 12, 13, 14, 23, and 30. Many Bureau of Labor Statistics' (BLS) tables in section 13 are CPS based.

**Universe, Frequency, and Types of Data:** Nationwide monthly sample survey of civilian noninstitutional population, 14 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.

**Type of Data Collection Operation:** Multistage probability sample of about 55,800 households in 729 PSU's in 1988. Over-sampling in some States and the largest MSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.

**Data Collection and Imputation Procedures:** For first and fifth months that a household is in sample, personal interviews; other months, approximately, 85% of the data collected by phone. Imputation is done for both item and total nonresponse. Adjustment for total nonresponse is done by a predefined cluster of units, by MSA size and residence; for item nonresponse imputation varies by subject matter.

**Estimates of Sampling Error:** Estimated CV's on national annual averages for labor force, total employment, and nonagricultural employment, .2%; for total unemployment and agricultural employment, 1.0% to 2.5%. The estimated CV's for family income and poverty rate for all persons in 1986 are .5% and 1.5%, respectively. CV's for subnational areas, such as States, would be larger and would vary by area.

**Other (nonsampling) Errors:** Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four to 5.0% of sample households unavailable for interviews.

**Sources of Additional Material:** U.S. Bureau of the Census and Bureau of Labor Statistics, *Concepts and Methods Used in Labor Force Statistics from Current Population Survey* (Census series P-23, No. 62; BLS Report No. 463) and Bureau of the Census, *Current Population Survey* (Tech. Paper 40) and Bureau of Labor Statistics, *BLS Handbook of Methods*, Chapter 1 (Bulletin 2285.)

## SECTION 2. VITAL STATISTICS

**Source and Title:** U.S. National Center for Health Statistics (NCHS), *Vital Registration System*

**Tables:** See tables citing *Vital Statistics of the United States*, 288 in section 5; 1036 in section 21; and 1419 in section 30.

**Universe, Frequency, and Types of Data:** Annual data on births and deaths in the United States.

**Type of Data Collection Operation:** Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics 1951-1971, based on 50% sample of birth certificates, except a 20% to 50% in 1967, received by NCHS. Beginning 1972, data from some States received through Vital Statistics Cooperative Program (VSCP) and complete file used; data from other States based on 50% sample. Beginning 1986, all reporting areas participated in the VSCP.

**Data Collection and Imputation Procedures:** Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, and Guam.

**Estimates of Sampling Error:** For recent years, CV's for births are small due to large portion of total file in sample (except for very small estimated totals).

**Other (nonsampling) Errors:** Data on births and deaths believed to be at least 99% complete.

**Sources of Additional Material:** U.S. National Center for Health Statistics, *Vital Statistics of the United States*, vol. I and vol. II, annual, and *Monthly Vital Statistics Report*.

(See section 1 above for information pertaining to tables 92-96.)

## SECTION 3. HEALTH AND NUTRITION

**Source and Title:** U.S. National Center for Health Statistics, *National Health Interview Survey (NHIS)*

**Tables:** 158, 182-184, 189-194, 196, 197, 200, and in section 4, table 220, and section 12, table 615.

**Universe, Frequency, and Types of Data:** Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, and other health topics. In 1984, the Supplement on Aging (SOA) was added to the NHIS to collect data on the functional status of persons 55 years old and over living in the community. It included questions on characteristics which might affect their ability to live in the community.

**Type of Data Collection Operation:** Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four adjacent households.

**Data Collection and Imputation Procedures:** Personal household interviews with extensive followup of nonrespondents. Data are adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in the same geographic area.

**Estimates of Sampling Error:** Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.

**Other (nonsampling) Errors:** Response rate was 95.7% in 1985 for the NHIS. For the SOA, response rate was 95% (89% responded entirely for themselves).

**Sources of Additional Material:** U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1983," Vital and Health Statistics, series 10 and the "Supplement on Aging to the 1984 National Health Interview Survey," Vital and Health Statistics, series 1, No. 21, July 1987.

(See section 15 for information pertaining to table 150.)

## SECTION 4. EDUCATION

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Fall Enrollment in Institutions of Higher Education*; beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS), Fall Enrollment*

**Tables:** 253, 256-258, and 277.

**Universe, Frequency, and Types of Data:** Annual survey of all institutions and branches listed in the *Directory* to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students.

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Approximately 93% response rate.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS)*, *Financial Statistics of Institutions of Higher Education*; beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS)*, *Financial Statistics of Institutions of Higher Education*

**Tables:** 208, 209, 256, and 264.

**Universe, Frequency, and Types of Data:** Annual survey of all institutions and branches listed in the *Education Directory*, *Colleges and Universities* to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets.

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** For 1986, a 87% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS)*, *Degrees and Other Formal Awards Conferred*. Beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS)*, *Degrees and Other Formal Awards Conferred*.

**Tables:** 274-277.

**Universe, Frequency, and Types of Data:** Annual survey of all institutions and branches listed in the *Education Directory*, *Colleges and Universities* to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** For 1985-86, approximately 93% response rate.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, annual.

(See sections 1 and 9 for information pertaining to the Bureau of the Census and section 3 above for the National Center for Health Statistics.)

#### SECTION 5. LAW ENFORCEMENT, COURTS, AND PRISONS

**Source and Title:** U.S. Federal Bureau of Investigation, *Uniform Crime Reporting (UCR) Program*  
**Tables:** 283-287, 289, 290, 298, and 300.

**Universe, Frequency, and Types of Data:** Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data are collected on crimes cleared by arrest, by age, sex, and race of offender, and on assaults on law enforcement officers.

**Type of Data Collection Operation:** Crime statistics are based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.

**Data Collection and Imputation Procedures:** States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits are performed by FBI.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Coverage of 98% of the population (99% in SMSA's, 94% in "other cities," and 90% in rural areas) by UCR program, though varying number of agencies report. Some error may be present through incorrect reporting.

**Sources of Additional Material:** U.S. Federal Bureau of Investigation, *Crime in the United States*.

**Source and Title:** U.S. Bureau of Justice Statistics (BJS), *National Crime Survey*

**Tables:** 291-295.

**Universe, Frequency, and Types of Data:** Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates.

**Type of Data Collection Operation:** National probability sample survey of about 59,000 interviewed households in 376 PSU's selected from a list of addresses from the 1970 census, supplemented by new construction permits and an area sample where permits are not required.

**Data Collection and Imputation Procedures:** Interviews are conducted every 6 months for 3 years for each household in the sample; 10,000 households are interviewed monthly. Personal interviews are used in the first, third, fifth, and seventh interviews; the intervening interviews are conducted by telephone whenever possible.

**Estimates of Sampling Error:** CV's in 1985: 2.2% for crimes of violence; 14.8% for estimate of rape counts; 5.5% for robbery counts; 2.5% for assault counts; 1.4% for personal larceny counts; 2.2% for burglary counts; 1.8% for household larceny; 1.3% for all household crimes; and 4.8% for motor vehicle theft counts.

**Other (nonsampling) Errors:** Respondent recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.

**Sources of Additional Material:** U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

(See section 2 for details on table 288 and section 9 for details on table 308.)

#### SECTION 8. ELECTIONS

(See section 1 above for information pertaining to table 439.)

#### SECTION 9. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT

**Source and Title:** U.S. Bureau of the Census, *Census of Governments*

**Tables:** See tables in section 9 citing *Census of Governments*.

**Universe, Frequency, and Types of Data:** Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee retirement systems, property values, public school systems, and number, size, and structure of governments.

**Type of Data Collection Operation:** Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.

**Data Collection and Imputation Procedures:** Data collected through field and office compilation of financial data from official records and reports for States and large local governments; mail canvass of selected data items, like State tax revenue and employee retirement systems; and collection of local government statistics through central collection arrangements with State governments.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Some nonsampling errors may arise due to possible inaccuracies in classification, response, and processing.

**Sources of Additional Material:** U.S. Bureau of the Census, *Census of Governments, 1982*, various reports, and *State Government Finances in 1987*, GF 87, No. 3.

**Source and Title:** U.S. Bureau of the Census, *Annual Surveys of State and Local Government*

**Tables:** See tables citing *Public Employment and Governmental Finances* in section 9; table 235 in section 4; table 308 in section 5; and table 596 in section 12.

**Universe, Frequency, and Types of Data:** Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the U.S. (about 82,000).

**Type of Data Collection Operation:** Sample of about 22,000 units includes all State governments, county governments with 50,000+ population, municipalities and townships in certain States with 25,000+ population, all school districts with 5,000+ enrollment in October 1981, and other governments meeting certain criteria; probability sample for remaining units. A supplemental survey provides complete coverage of 39,000 local government units for data on taxes and intergovernmental revenue.

**Data Collection and Imputation Procedures:** Field and office compilation of data from official records and reports for States and large local governments; central collection of local governmental financial data through a number of State governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses are imputed from previous year data or obtained from secondary sources, if available.

**Estimates of Sampling Error:** CV's for estimates of major employment and financial items are generally less than 2% for most States and less than 1.2% for the majority of States.

**Other (nonsampling) Errors:** Nonresponse rate is about 15% for number of units. Other possible errors may result from undetected inaccuracies in classification, response, and processing.

**Sources of Additional Material:** U.S. Bureau of the Census, *Public Employment in 1987*, GE 87, No. 1, *Governmental Finances in 1986-87*, GF 87, No. 5, and *Census of Governments, 1982*, various reports.

#### SECTION 10. FEDERAL GOVERNMENT

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*

**Tables:** 513-517.

**Universe, Frequency, and Types of Data:** Annual study of unaudited individual income tax returns, Forms 1040, 1040A, and 1040EZ, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, and by taxable and nontaxable returns. Data by State, based on 100% file, also include returns from 1040NR, filed by nonresident aliens plus certain self-employment tax returns.

**Type of Data Collection Operation:** Annual stratified probability sample alternates between approximately 83,000 and 120,000 returns broken into sample strata based on the larger of total income or total loss amounts as well as the size of business plus farm receipts. Sampling rates for sample strata varied from .05% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

**Estimates of Sampling Error:** Estimated CV's for tax year 1985: Number of returns in subgroups, ranged from .8% for returns under \$5,000 to .2% for returns over \$500,000; for adjusted gross income less deficit, .1%; and amount of income tax, .2%. (State data not subject to sampling error.)

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

#### SECTION 12. SOCIAL INSURANCE AND HUMAN SERVICES

**Source and Title:** U.S. Social Security Administration, *Benefit Data*

**Tables:** 588 and 589.

**Universe, Frequency, and Types of Data:** All persons receiving monthly benefits under Title 11 of Social Security Act. Data on number and amount of benefits paid by type and State.

**Type of Data Collection Operation:** Data based on administrative records. Data based on 100% files, as well as 10% and 1% sample files.

**Data Collection and Imputation Procedures:** Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.

**Estimates of Sampling Error:** Varies by size of estimate and sample file size.

**Other (nonsampling) Errors:** Processing errors, which are believed to be small.

**Sources of Additional Material:** U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

**Source and Title:** U.S. Social Security Administration, *Supplemental Security Income (SSI) Program*

**Tables:** 607-610.

**Universe, Frequency, and Types of Data:** All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.

**Type of Data Collection Operation:** Data based on administrative records.

**Data Collection and Imputation Procedures:** Data adjusted to reflect returned checks and overpayment refunds. For federally administered payments, actual adjusted amounts are used; for State administered, payments are deflated for average rate across all States.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Processing errors, which are believed to be small.

**Sources of Additional Material:** U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

(See section 1 above for information pertaining to the Current Population Survey, section 3 for information pertaining to the National Center for Health Statistics, and section 9 for information pertaining to Annual Surveys of State and Local Government.)

#### SECTION 13. LABOR FORCE, EMPLOYMENT, AND EARNINGS

**Source and Title:** U.S. Bureau of Labor Statistics (BLS), *Current Employment Statistics (CES)* Program

**Tables:** 660-662, 666, 668; in section 21, table 1014; in section 22, table 1075; and in section 24, table 1175.

**Universe, Frequency, and Types of Data:** Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.

**Type of Data Collection Operation:** Probability sample survey of over 300,000 establishments in March 1988.

**Data Collection and Imputation Procedures:** Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information is forwarded to BLS where national estimates are prepared.

**Estimates of Sampling Error:** Estimated CV's in 1986: For average weekly hours paid, .1% and for average hourly earnings, .2%.

**Other (nonsampling) Errors:** Incorrect responses believed to be somewhat offsetting. Estimates of employment adjusted annually to reflect complete universe. Average adjustment is .2%.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, Explanatory Notes, tables L-Q and *BLS Handbook of Methods*, Chapter 2, Bulletin 2285 (Apr. 1988).

(See section 1 above for information pertaining to the Current Population Survey.)

#### SECTION 14. INCOME, EXPENDITURES, AND WEALTH

(See section 1 above for information pertaining to the Bureau of the Census.)

#### SECTION 15. PRICES

**Source and Title:** U.S. Bureau of Labor Statistics (BLS), *Consumer Price Index (CPI)*

**Tables:** 756, 757, 761-766, 784, 785, and in section 3, table 150.

**Universe, Frequency, and Types of Data:** Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter. Both indexes continue to be published.

**Type of Data Collection Operation:** Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's, except from January 1987 through March 1988, when 91 areas were sampled.

**Data Collection and Imputation Procedures:** Prices of consumer items are obtained from about 57,000 housing units, and 19,000 other reporters in 85 areas. Prices of most goods and services are obtained monthly in the 5 largest areas and every 2 months in others.

**Estimates of Sampling Error:** Estimates of standard errors are not available at present.

**Other (nonsampling) Errors:** Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, lack of systematic method for incorporating new outlets in the sample, and introduction of product quality changes and new products.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *The Consumer Price Index: 1987 Revision*, Report 736, and *BLS Handbook of Methods*, Bulletin 2285.

**Source and Title:** U.S. Bureau of Labor Statistics, *Producer Price Index (PPI)*

**Tables:** 756, 758, 769-774; in section 21, table 1061; in section 24, table 1179; and in section 26, table 1251.

**Universe, Frequency, and Types of Data:** Monthly survey of producing companies to determine price changes of all commodities produced in the U.S. for sale in commercial transactions. Data on agriculture, forestry, fishing, manufacturing, mining, services, gas, electricity, and public utilities.

**Type of Data Collection Operation:** Probability sample of over 3,000 commodities and about 20,000 respondents.

**Data Collection and Imputation Procedures:** Data are collected by mail. If transaction prices are not supplied, list prices are used. Some prices are obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes are multiplied by their relative weights based on total net selling value of all commodities in 1982.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Not available at present.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *BLS Handbook of Methods*, Bulletin 2285.

#### SECTION 17. BUSINESS ENTERPRISE

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns and Statistics of Income Bulletin*

**Tables:** 858-861.

**Universe, Frequency, and Types of Data:** Annual study of unaudited income tax returns of non-farm sole proprietorships, Form 1040 with business or farm schedules. Data provided on various financial characteristics by industry.

**Type of Data Collection Operation:** Stratified probability sample of approximately 33,000 sole proprietorships for tax year 1987. The sample is classified based on presence or absence of certain business schedules; the larger of total income or loss; and size of business plus farm receipts. Sampling rates vary from .05% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

**Estimates of Sampling Error:** Estimated CV's for tax year 1983 (latest available): For sole proprietorships, number of nonfarm businesses, .24%; business receipts, 1.78%; net income, (less loss), 1.98%; and net income, 1.29%.

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns and Statistics of Income Bulletin*, Vol. 8, No. 1 (Summer 1988).

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns and Statistics of Income Bulletin*

**Tables:** 858-860, 862, and 863.

**Universe, Frequency, and Types of Data:** Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry.

**Type of Data Collection Operation:** Stratified probability sample of approximately 27,000 partnership returns filed during calendar year 1987. The sample is classified based on combinations of gross receipts, net income or loss, and total assets, and on industry. Sampling rates vary from .1% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

**Estimates of Sampling Error:** Estimated CV's for tax year 1985 (latest available): For number of partnerships, .43%; business receipts, .63%; net income, 2.01%; and net loss, 1.38%.

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns and Statistics of Income Bulletin*, Vol. 8, No. 1 (Summer 1988).

**Source and Title:** U.S. Internal Revenue Service, *Corporation Income Tax Returns*

**Tables:** 858-860, and 866-868.

**Universe, Frequency, and Types of Data:** Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (A, F, FSC, IC-DISC, L, PC, REIT, RIC, and S), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, and business receipts.

**Type of Data Collection Operation:** Stratified probability sample of approximately 85,000 returns for 1986, distributed by sample classes generally based on type of return, size of total assets, size of net income or deficit, and selected business activity. Sampling rates for sample strata varied from .3% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return and to achieve statistical definitions.

**Estimates of Sampling Error:** Estimated CV's for 1986: Number of returns in subgroups ranged from 1.2% with assets under \$100,000, to 0% with assets over \$100 mil.; for amount of net income and amount of income tax, .2%.

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

SECTION 18. COMMUNICATIONS

(See section 27 for information pertaining to table 926.)

SECTION 19. ENERGY

**Source and Title:** U.S. Energy Information Administration, *Household Energy Consumption and Expenditures Survey*

**Tables:** 948-951, 981, and table 1280 in section 26.

**Universe, Frequency, and Types of Data:** Triennial survey of households and fuel suppliers. Data are obtained on energy-related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type.

**Type of Data Collection Operation:** Probability sample of 7,183 eligible units in 129 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.

**Data Collection and Imputation Procedures:** Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Most item nonresponses were imputed.

**Estimates of Sampling Error:** Estimated CV's for household averages: For consumption, 1.3%; for expenditures, 1.0%; for various fuels, values ranged from 1.4% for electricity to 5.9% for LPG.

**Other (nonsampling) Errors:** Household response rate of 86.7%. Non-consumption data were mostly imputed for mail respondents (5.2% of eligible units). Usable responses from fuel suppliers for various fuels ranged from 82.8% for electricity to 55.7% for fuel oil.

**Sources of Additional Material:** U.S. Energy Information Administration, *Household Energy Consumption and Expenditures, 1987*.

SECTION 21. TRANSPORTATION—LAND

(See section 2 for information pertaining to table 1036, section 13 for table 1014, and section 15 for table 1061.)

SECTION 22. TRANSPORTATION—AIR AND WATER

**Source and Title:** U.S. Bureau of the Census, *Foreign Trade—Export Statistics*

**Tables:** See Bureau of the Census citations for export statistics in source notes in sections 22 and 29 and also tables 1202 and 1203 in section 24; 1216 in section 25; and 1431 in section 30.

**Universe, Frequency, and Types of Data:** The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, country of destination, Customs district of exportation, and mode of transportation.

**Type of Data Collection Operation:** Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over \$1,500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Value data for shipments valued under \$1,501 are estimated, based on established percentages of individual country totals.

**Data Collection and Imputation Procedures:** Statistical copies of Shipper's Export Declarations are received on a daily basis from Customs ports throughout the country and subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued over \$1,500. Estimates for shipments valued at \$1,500 or less are made, based on established percentages of individual country totals.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.

**Sources of Additional Material:** U.S. Bureau of the Census, *U.S. Exports, Schedule E, Commodity by Country*, FT 410.

**Source and Title:** U.S. Bureau of the Census, *Foreign Trade—Import Statistics*

**Tables:** See Bureau of the Census citations for import statistics in source notes in sections 22 and 29 and also tables 1202 and 1203 in section 24; 1216 in section 25; and 1431 in section 30.

**Universe, Frequency, and Types of Data:** The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United



States. Data obtained include value, quantity, and shipping weight by commodity, country of origin, Customs district of entry, and mode of transportation.

**Type of Data Collection Operation:** Import entry documents are required to be filed for the importation of goods into the United States valued over \$1,000 or for articles which must be reported on formal entries. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. Estimates for shipments valued under \$1,001 and not reported on formal entries are based on established percentages of individual country totals.

**Data Collection and Imputation Procedures:** Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued at \$1,001 and over or items which must be reported on formal entries.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks are utilized to hold non-sampling errors arising from reporting and/or processing errors to a minimum.

**Sources of Additional Material:** U.S. Bureau of the Census, *U.S. General Imports and Imports for Consumption, Schedule A, Commodity by Country*, FT 135.

(See section 13 for information pertaining to table 1075.)

#### SECTION 23. AGRICULTURE

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Basic Area Frame Sample*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the following two surveys.

**Universe, Frequency, and Types of Data:** Two annual area sample surveys of U.S. farm operators: June agricultural survey collects data on planted acreage and livestock inventories; and a February Farm Costs and Returns survey that collects data on total farm production, expenses and specific commodity costs of production.

**Type of Data Collection Operation:** Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from .1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.

**Data Collection and Imputation Procedures:** Data collection is by personal enumeration. Imputation is based on enumerator observation or data reported by respondents having similar agricultural characteristics.

**Estimates of Sampling Error:** Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.

**Other (nonsampling) Errors:** Minimized through rigid quality controls on the collection process and careful review of all reported data.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Multiple Frame Surveys*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the following survey.

**Universe, Frequency, and Types of Data:** Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, grain stocks, and farm labor characteristics; and to obtain farm economic data for price indexing.

**Type of Data Collection Operation:** Primary frame is obtained from general or special purpose lists, supplemented by a probability sample of land areas used to estimate for list incompleteness.

**Data Collection and Imputation Procedures:** Mail, telephone or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.

**Estimates of Sampling Error:** Estimated CV for number of hired farm workers is about 3%. Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.

**Other (nonsampling) Errors:** In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Objective Yield Surveys*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the preceding survey.

**Universe, Frequency, and Types of Data:** Surveys for data on corn, cotton, potatoes, soybeans, wheat, and rice to forecast and estimate yields.

**Type of Data Collection Operation:** Random location of plots in probability sample of fields. Fields selected in June from Basic Area Frame Sample (see above).

**Data Collection and Imputation Procedures:** Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.

**Estimates of Sampling Error:** CV's for national estimates of production are about 2-3%.

**Other (nonsampling) Errors:** In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

(See section 1 above for information pertaining to the Census of Population and Current Population Survey.)

#### SECTION 24. FORESTS AND FISHERIES

(See section 13 for information pertaining to table 1175, section 15 for table 1179, and section 22 for tables 1202 and 1203.)

#### SECTION 26. CONSTRUCTION AND HOUSING

**Source and Title:** U.S. Bureau of the Census, *Monthly Survey of Construction*

**Tables:** 1260, and 1262-1265.

**Universe, Frequency, and Types of Data:** Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data are collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.)

**Type of Data Collection Operation:** Probability sample of housing units obtained from building permits selected from 16,000 permit-issuing places through 1984 and, beginning in 1985, 17,000 places. For nonpermit places, multistage probability sample of new housing units selected in 169 PSU's. In those areas, all roads are canvassed in selected enumeration districts.

**Data Collection and Imputation Procedures:** Data are obtained by telephone inquiry and field visit.

**Estimates of Sampling Error:** Estimated CV of 3% to 4% for estimates of national totals, but are as high as 20% for estimated totals of more detailed characteristics, such as housing units in multiunit structures.

**Other (nonsampling) Errors:** Response rate is over 90% for most items. Nonsampling errors are attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.

**Sources of Additional Material:** U.S. Bureau of the Census, *Construction Reports*, series C20, *Housing Starts*; C22, *Housing Completions*; C25, *New One-Family Houses Sold and For Sale*; and C27, *Price Index of New One-Family Houses Sold*.

**Source and Title:** U.S. Bureau of the Census, *Value of New Construction Put in Place*

**Tables:** 1253-1255.

**Universe, Frequency, and Types of Data:** Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)

**Type of Data Collection Operation:** Varies by type of activity: Total cost of private one-family houses started each month is distributed into value put in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential build-

ings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.

**Data Collection and Imputation Procedures:** See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.

**Estimates of Sampling Error:** CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV is approximately 2% for total new private nonresidential buildings.

**Other (nonsampling) Errors:** For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.

**Sources of Additional Material:** U.S. Bureau of the Census, *Construction Reports*, series C30, *Value of New Construction Put in Place*.

**Source and Title:** U.S. Bureau of the Census, *Census of Housing*

**Tables:** 1274 and 1279.

**Universe, Frequency, and Types of Data:** Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.

**Type of Data Collection Operation:** For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample.

**Data Collection and Imputation Procedures:** In 1970, a self-enumeration census using a mail-out/mail-back procedure was used in most areas. In 1980, mail questionnaires were used – in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.

**Estimates of Sampling Error:** Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.

**Other (nonsampling) Errors:** Evaluation studies for 1980 estimated the underenumeration of occupied housing units at 1.5%. The missed rate in 1980 for all units was 2.6% or approximately 2.3 million units, 1 million of which were vacant housing units.

**Sources of Additional Material:** U.S. Bureau of the Census, *1980 Census of Population and Housing, The Coverage of Housing in the 1980 Census*, PHC80-E1, July 1985.

**Source and Title:** U.S. Bureau of the Census, *American Housing Survey*

**Tables:** See tables citing *American Housing Survey* in source notes.

**Universe, Frequency, and Types of Data:** Conducted nationally in the fall in odd numbered years to obtain data on the approximately 100 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include characteristics of occupied housing units, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators, and energy characteristics.

**Type of Data Collection Operation:** The national sample was a multistage probability sample with about 44,300 units eligible for interview in 1985. Sample units, selected within 394 PSU's, were surveyed over a 5-month period.

**Data Collection and Imputation Procedures:** For 1985, the survey was conducted by personal interviews. The interviewers obtained the information from the occupants or, if the unit was vacant, from informed persons such as landlords, rental agents, or knowledgeable neighbors.

**Estimates of Sampling Error:** For the national sample, illustrations of the S.E. of the estimates are provided in the appendix B of the 1985 report. As an example, the estimated CV is about .5% for the estimated percentage of owner occupied units with 2 persons.

**Other (nonsampling) Errors:** Response rate was about 96%. Nonsampling errors may result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1985 national sample, approximately 6% of the total housing inventory was not adequately represented by the AHS sample.

**Sources of Additional Material:** U.S. Bureau of the Census, *Current Housing Reports*, series H-150 and H-170, *American Housing Survey*.

(See section 1 above for information pertaining to the *Census of Population*, section 15 pertaining to table 1251, and section 19 for table 1280.)

## SECTION 27. MANUFACTURES

**Source and Title:** U.S. Bureau of the Census, *Census of Manufactures*

**Tables:** See tables citing *Census of Manufactures* in source notes in section 27 and also table 926 in section 18 and tables 1429 and 1434 in section 30.

**Universe, Frequency, and Types of Data:** Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 350,000 manufacturing establishments in 1987.

**Type of Data Collection Operation:** Complete enumeration of data items obtained from 200,000 firms. Administrative records from Internal Revenue Service and Social Security Administration are used for 150,000 smaller single-location firms, which were determined by various cutoffs based on size and industry.

**Data Collection and Imputation Procedures:** Five mail and telephone followups for larger nonrespondents. Data for small single-location firms (generally those with fewer than 10 employees) not mailed census questionnaires were estimated from administrative records of IRS and SSA. Data for nonrespondents were imputed from related responses or administrative records from IRS and SSA. Approximately 8% of total value of shipments was represented by fully imputed records in 1982.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for later years are not available.

**Sources of Additional Material:** U.S. Bureau of the Census, *1987 Census of Manufactures, Industry Series, Geographic Area Series, and Subject Series*.

**Source and Title:** U.S. Bureau of the Census, *Annual Survey of Manufactures*

**Tables:** See tables citing *Annual Survey of Manufactures* in source notes.

**Universe, Frequency, and Types of Data:** Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.

**Type of Data Collection Operation:** Sampling frame is 350,000 establishments in the 1987 Census of Manufactures (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi-establishment companies identified annually by the Census Bureau's Company Organization Survey. A probability sample of 56,000 establishments is selected. All establishments of companies with more than \$550 million of manufacturing shipments in 1982 are included with certainty. All establishments with 250+ employees are also included along with a probability sample of smaller establishments.

**Data Collection and Imputation Procedures:** Survey is conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) is based on previous year reports, or for new establishments in survey, on industry averages.

**Estimates of Sampling Error:** Estimated CV's for number of employees, new expenditure, and for value added totals are given in annual publications. For U.S. level industry statistics, most estimated CV's are 2% or less, but vary considerably for detailed characteristics.

**Other (nonsampling) Errors:** Response rate is about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.

**Sources of Additional Material:** U.S. Bureau of the Census, *Annual Survey of Manufactures*, and Technical Paper 24.

## SECTION 28. DOMESTIC TRADE AND SERVICES

**Source and Title:** U.S. Bureau of the Census, *Census of Wholesale Trade, Census of Retail Trade, Census of Service Industries*

**Tables:** See tables citing the above censuses in source notes in section 28 and table 1434 in section 30.

**Universe, Frequency, and Types of Data:** Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, total sales, and other industry-specific statistics. In 1982, universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments in retail trade or service industries. Currently for 1987, data are available for establishments with payroll for retail trade, wholesale trade, and services.

**Type of Data Collection Operation:** All wholesale firms with paid employees surveyed; all retail and service large employer firms surveyed (i.e. all employer firms above the payroll size cutoff

established to separate large from small employers) plus a 10-percent sample of smaller employer firms. Firms with no employees were not required to file a census return.

**Data Collection and Imputation Procedures:** Mail questionnaire is utilized with both mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" small employer firms in retail trade and service industries are obtained from administrative records of IRS and the Social Security Administration.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Response rate in 1987 of 80% for single establishment firms; 83% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.

**Sources of Additional Material:** U.S. Bureau of the Census, Appendix A of *Census of Retail Trade; Census of Service Industries; Census of Wholesale Trade; and History of the 1982 Economic Censuses*, February 1987.

**Source and Title:** U.S. Bureau of the Census, *Current Business Surveys*

**Tables:** 1361-1364, 1376, 1382, 1383 and table 1016 in section 21.

**Universe, Frequency, and Types of Data:** Provides monthly estimates of retail sales by kind of business and geographic area, and end-of-month inventories of retail stores; wholesale sales and end-of-month inventories; and annual receipts of selected service industries. (Service monthly survey discontinued after Dec. 1981.)

**Type of Data Collection Operation:** Probability sample of all firms from a list frame and, additionally, for retail and service an area frame. The list frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent birth Employer Identification (EI) Numbers issued by the Internal Revenue Service and assigned a kind-of-business code by the Social Security Administration. The largest firms are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the list frame.

**Data Collection and Imputation Procedures:** Data are collected by mail questionnaire with telephone followups for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.

**Estimates of Sampling Error:** For the 1989 monthly surveys, CV's are about .6% for estimated total retail sales, 1.7% for wholesale sales, 1.3% for wholesale inventories. For dollar volume of receipts, CV's from the *Service Annual Survey* vary by kind of business and range between 1.5% to 15.0%. Sampling errors are shown in monthly publications.

**Other (nonsampling) Errors:** Imputation rates are about 18%-23% for monthly retail sales, 20%-25% for wholesale sales, about 25%-30% for monthly wholesale inventories and 14% for the *Service Annual Survey*.

**Sources of Additional Material:** U.S. Bureau of the Census, *Current Business Reports, Monthly Retail Trade, Monthly Wholesale Trade, and Service Annual Survey*.

#### SECTION 30. OUTLYING AREAS

(See section 2 for information pertaining to table 1419, section 22 for table 1431, and section 27 for tables 1429 and 1434.)



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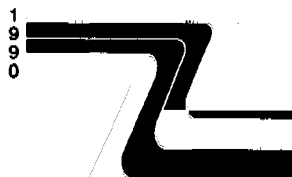
[The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

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## Computers in the Office

This special supplement presents trend data on the use of information processing equipment in U.S. business, educational, non-profit and government establishments. The information presented is unique and is not easily categorized as belonging in any one of our existing 31 sections. Therefore, this special supplement was developed through the efforts of our staff and the Gartner Group in Stamford, CT. Considerably more information on this subject is available from the Gartner Group through their annual COMTEC survey. Related data on the use of computers in schools is found in the Education section and on computer shipments and sales in the Manufactures section.

Data are limited to those keyboard devices typically *installed* on a desktop in such establishments. These devices are conventionally defined as personal computers (PC's), computer terminals with cathode ray tube monitors (CRT's), and text processors (dedicated word processors and manual, electric and electronic typewriters). Equipment not covered includes that found in such locations as homes (including self-employed persons working at home), farms and school dormitories. Portable equipment is also typically not covered. The period covered is January 1, 1984 to January 1, 1989.

The data are estimates derived from the annual COMTEC sample survey. For the January 1, 1989 survey, approximately 35,000 executives from 8,000 establishments were interviewed from a universe of 7.4 million establishments. Since the estimates are based on sample survey data, they are subject to sampling error. These range from about  $\pm 1.3\%$  for the U.S. total number of keyboards to about  $\pm 2.8\%$  for the U.S. total number of personal computers in 1989. Counts for particular market segments (industry or establishment size groupings) typically have sampling errors of  $\pm 3\%$  to  $7\%$  for total keyboards and  $\pm 5\%$  to  $11\%$  for personal computers. More detail on sampling error is available directly from the Gartner Group.

The following is a brief glossary of terms used throughout the section:

**Communication links**—The capability for a PC to communicate to other PC's or computer equipment, typically by modem or by connection to a Local Area Network.

**Deskworker**—A "white collar" worker (all managerial and professional staff, as well as clerks, secretaries, typists and other office workers) who works at a desk in an office environment.

**Establishment**—An actual physical, specific, and individual location of a company (or institution). An enterprise may consist of more than one establishment.

**Industry group**—Based on the 1972 Standard Industrial Classification Code (SIC). They are composed of two-digit SIC's as follows:

INDUSTRY GROUP	SIC's	INDUSTRY GROUP	SIC's
Agriculture, mining, construction.....	07-17	Business, legal services.....	73, 81, 89
Manufacturing: Durable.....	24, 25, 32-39	Health services.....	80
Nondurables.....	20-23, 26-31	Education (includes schools and colleges).....	82
Transportation.....	40-49	Other services.....	70, 72, 75, 76, 78, 79, 83-85
Wholesale trade.....	50, 51	Government: Federal.....	91
Retail trade.....	52-59	State and local.....	92, 93
Finance, insurance, real estate.....	60-67		

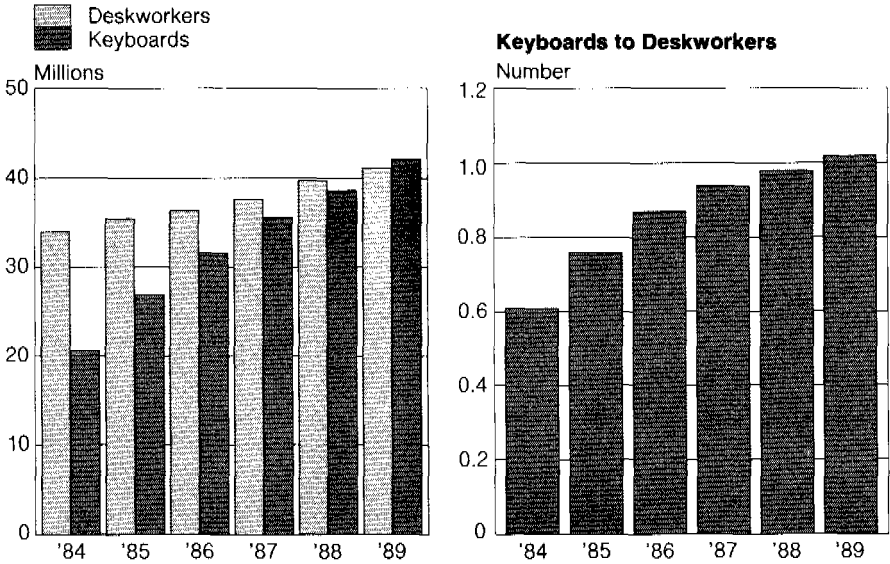
**Off-site system**—Accounts for CRT's at establishments which do not have a computer system; therefore, the host system for those CRT's is off-site.

**On-site system**—Accounts for CRT's at establishments which do have a computer system; therefore, the host system for those CRT's is on-site.

**Workstation**—A summary equipment category encompassing the three specific categories: PC's, CRT's and/or word processors.

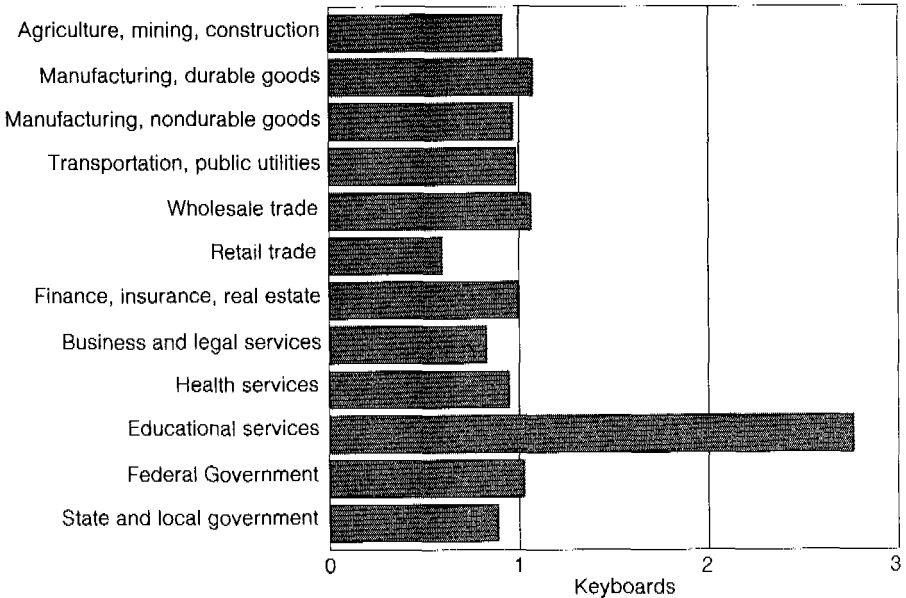


Figure I  
**Deskworkers, Keyboards, and Keyboards to Deskworkers: 1984 to 1989**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table I.

Figure II  
**Ratio of Keyboards in Use to Deskworkers, by Selected Industries: 1989**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table II.

## NO. I. ESTABLISHMENTS BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989

(See text, p. 943)

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER (1,000)						PERCENT DISTRIBUTION					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>6,550</b>	<b>6,802</b>	<b>6,957</b>	<b>7,102</b>	<b>7,231</b>	<b>7,407</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, mining, construction.....	711	743	767	775	794	794	10.9	10.9	11.0	10.9	11.0	10.7
Manufacturing, durable goods.....	259	259	252	248	247	247	4.0	3.8	3.6	3.5	3.4	3.3
Manufacturing, nondurable goods.....	175	173	171	170	170	170	2.7	2.5	2.5	2.4	2.4	2.3
Transportation and public utilities.....	383	391	393	399	403	408	5.8	5.8	5.7	5.6	5.6	5.5
Wholesale trade.....	490	507	514	515	517	533	7.5	7.4	7.4	7.2	7.1	7.2
Retail trade.....	1,617	1,704	1,745	1,783	1,802	1,855	24.7	25.0	25.1	25.1	24.9	25.0
Finance, insurance, real estate.....	580	596	621	646	656	659	8.8	8.8	8.9	9.1	9.1	8.9
Business and legal services.....	636	688	720	753	776	819	9.7	10.1	10.3	10.6	10.7	11.1
Health services.....	427	431	443	455	468	479	6.5	6.3	6.4	6.4	6.5	6.5
Educational services.....	180	181	186	187	189	191	2.7	2.7	2.7	2.6	2.6	2.6
Other services.....	996	1,033	1,050	1,074	1,112	1,154	15.2	15.2	15.1	15.1	15.4	15.6
Federal government.....	33	33	33	33	33	32	.5	.5	.5	.5	.5	.4
State and local government.....	63	63	63	64	65	66	1.0	.9	.9	.9	.9	.9
0-4 employees.....	3,861	4,013	4,106	4,193	4,270	4,372	59.0	59.0	59.0	59.0	59.0	59.0
5-9 employees.....	1,156	1,201	1,227	1,252	1,274	1,304	17.7	17.7	17.6	17.6	17.6	17.6
10-19 employees.....	707	735	752	768	782	803	10.8	10.8	10.8	10.8	10.8	10.8
20-49 employees.....	492	510	522	533	543	556	7.5	7.5	7.5	7.5	7.5	7.5
50-99 employees.....	187	193	198	201	205	210	2.9	2.8	2.8	2.8	2.8	2.8
100-249 employees.....	100	102	104	106	108	111	1.5	1.5	1.5	1.5	1.5	1.5
250-499 employees.....	28	28	29	29	30	31	.4	.4	.4	.4	.4	.4
500-999 employees.....	10	11	11	11	11	11	.2	.2	.2	.2	.2	.2
1,000 or more employees.....	8	8	8	8	9	9	.1	.1	.1	.1	.1	.1

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

## NO. II. EMPLOYEES AND DESKWORKERS, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989

(See text, p. 943)

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER OF EMPLOYEES, TOTAL (1,000)						DESKWORKERS					
	1984	1985	1986	1987	1988	1989	Number (1,000)					
							1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>95,068</b>	<b>96,999</b>	<b>101,676</b>	<b>104,310</b>	<b>107,032</b>	<b>110,412</b>	<b>34,001</b>	<b>35,501</b>	<b>36,344</b>	<b>37,583</b>	<b>39,280</b>	<b>41,178</b>
Agriculture, mining, construction.....	5,754	6,119	6,396	6,505	6,730	6,751	1,479	1,572	1,837	1,881	1,952	2,118
Manufacturing, durable goods.....	11,672	11,823	11,590	11,459	11,594	11,754	2,885	2,920	2,892	2,880	2,964	3,100
Manufacturing, nondurable goods.....	7,931	7,857	7,827	7,909	8,008	8,071	1,790	1,771	1,726	1,758	2,033	2,179
Transportation and public utilities.....	6,762	6,991	7,076	7,250	7,394	7,552	2,817	2,912	3,076	3,166	2,770	3,103
Wholesale trade.....	5,413	5,673	5,795	5,830	5,879	6,145	2,107	2,208	2,244	2,269	2,408	2,588
Retail trade.....	16,416	17,659	18,288	18,870	19,189	20,006	4,026	4,332	4,084	4,253	4,242	4,516
Finance, insurance, real estate.....	6,030	6,278	6,655	7,036	7,198	7,276	4,762	4,958	5,125	5,433	5,897	5,896
Business and legal services.....	5,935	6,625	7,061	7,516	7,854	8,467	3,480	3,883	4,213	4,497	4,965	5,549
Health services.....	7,562	7,699	8,006	8,346	8,701	9,006	2,393	2,433	2,453	2,570	2,517	2,699
Educational services.....	8,404	8,573	8,989	9,168	9,413	9,689	2,922	2,981	2,922	2,999	3,459	2,917
Other services.....	7,880	8,299	8,497	8,786	9,221	9,718	2,794	2,941	3,114	3,235	3,509	3,836
Federal government.....	1,259	1,277	1,286	1,279	1,298	1,277	665	674	660	668	672	654
State and local government.....	4,050	4,126	4,211	4,356	4,555	4,700	1,881	1,915	1,997	2,073	1,892	2,022
0-4 employees.....	8,496	8,937	9,215	9,475	9,705	10,015	5,383	5,667	5,854	6,061	5,982	6,495
5-9 employees.....	7,318	7,695	7,924	8,135	8,325	8,592	3,209	3,369	3,469	3,602	3,554	3,842
10-19 employees.....	9,015	9,495	9,789	10,060	10,313	10,674	3,255	3,426	3,488	3,626	3,912	3,973
20-49 employees.....	14,380	15,083	15,546	15,960	16,556	16,910	4,583	4,809	4,672	4,863	5,458	5,230
50-99 employees.....	12,114	12,648	13,024	13,363	13,697	14,150	3,153	3,297	3,326	3,468	4,016	4,292
100-249 employees.....	14,153	14,678	15,045	15,418	15,810	16,292	3,910	4,066	4,259	4,425	4,597	5,047
250-499 employees.....	8,833	9,124	9,335	9,565	9,825	10,120	2,979	3,089	3,154	3,269	3,301	3,601
500-999 employees.....	6,608	6,822	6,986	7,180	7,403	7,641	2,143	2,223	2,402	2,495	2,543	2,740
1,000 or more employees.....	14,150	14,520	14,814	15,155	15,600	16,018	5,387	5,553	5,718	5,874	5,917	5,960

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

## No. III. ESTABLISHMENTS WITH KEYBOARDS, BY TYPE OF KEYBOARD: 1984 TO 1989

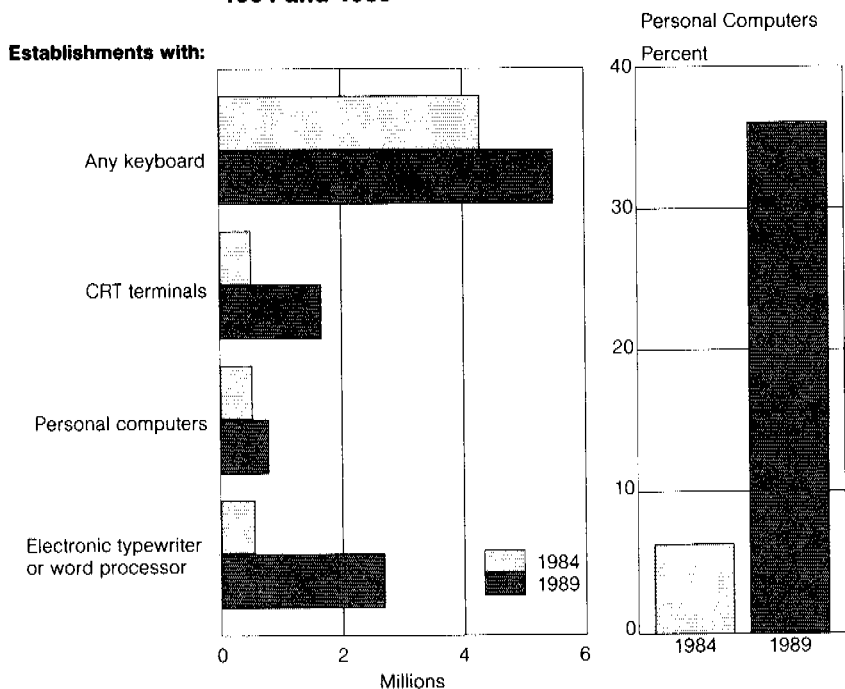
[CRT terminal refers to a computer terminal with a cathode ray tube monitor. See text, p. 943]

TYPE OF KEYBOARD	NUMBER (1,000)						PERCENT OF ALL ESTABLISHMENTS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Establishments with text processor, CRT terminal, and/or personal computer .....	4,277	4,563	4,892	5,056	5,260	5,477	65.3	67.1	70.3	71.2	72.7	73.9
Establishments with any type of text processor .....	4,192	4,455	4,746	4,848	4,994	5,101	64.0	65.5	68.2	68.3	69.1	68.9
Manual typewriter .....	1,283	1,203	1,057	951	858	678	19.6	17.7	15.2	13.4	11.9	9.2
Electric typewriter .....	3,443	3,668	3,926	4,040	4,016	3,998	52.6	53.9	56.4	56.9	55.5	54.0
Electronic typewriter .....	342	697	965	1,285	1,381	1,493	5.2	10.2	13.9	18.1	19.1	20.2
Word processor .....	163	191	227	237	187	161	2.5	2.8	3.3	3.3	2.6	2.2
Establishments with CRT terminal .....	513	610	778	792	785	780	7.8	9.0	11.2	11.1	10.9	10.5
Data processing occurs off-site .....	254	302	385	392	388	388	3.9	4.4	5.5	5.5	5.4	5.2
Data processing occurs on-site .....	259	308	393	400	397	394	4.0	4.5	5.6	5.6	5.5	5.3
Establishments with personal computers <sup>1</sup> .....	545	1,018	1,535	1,889	2,228	2,676	8.3	15.0	22.1	26.6	30.8	36.1
With communication links .....	81	183	338	510	691	928	1.2	2.7	4.9	7.2	9.6	12.5
Without communication links .....	467	885	1,305	1,549	1,782	2,076	7.4	13.0	18.8	21.8	24.8	28.0

<sup>1</sup> Total has been adjusted to avoid double counting. Some establishments have some personal computers with communication links and some without.

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

Figure III  
Number of Establishments With Keyboards  
and Percentage With Personal Computers:  
1984 and 1989



Source: Chart prepared by U.S. Bureau of the Census. For data, see table III.

# NO. IV. ESTABLISHMENTS WITH KEYBOARDS, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989

[Covers establishments with any type of keyboard; for listing of keyboard types, see table III. See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER (1,000)						PERCENT OF ALL ESTABLISHMENTS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>4,277</b>	<b>4,563</b>	<b>4,892</b>	<b>5,056</b>	<b>5,260</b>	<b>5,477</b>	<b>65.3</b>	<b>67.1</b>	<b>70.3</b>	<b>71.2</b>	<b>72.7</b>	<b>73.9</b>
Agriculture, mining, construction.....	521	564	611	638	659	663	73.3	75.9	79.8	82.3	83.0	83.4
Manufacturing, durable goods.....	206	212	216	213	215	217	79.8	82.0	85.4	86.1	86.9	87.8
Manufacturing, nondurable goods.....	139	138	140	140	142	144	79.3	80.2	82.1	82.0	83.4	84.7
Transportation and public utilities.....	288	301	315	321	331	338	75.3	77.1	80.0	80.5	82.1	82.9
Wholesale trade.....	397	418	439	441	447	469	80.9	82.6	85.4	85.7	86.4	88.0
Retail trade.....	592	653	720	746	792	840	36.6	38.3	41.3	41.9	43.9	45.3
Finance, insurance, real estate.....	491	514	553	578	592	602	84.7	86.3	89.1	89.4	90.2	91.2
Business and legal services.....	516	579	638	671	696	740	81.2	84.2	88.6	89.2	89.7	90.4
Health services.....	354	366	388	404	426	445	82.9	84.6	87.7	88.8	91.0	93.1
Educational services.....	175	177	183	184	188	191	97.1	97.6	98.5	98.6	99.3	100.0
Other services.....	506	549	596	624	676	729	50.8	53.1	56.8	58.1	60.8	63.2
Federal government.....	31	32	32	32	33	32	92.8	94.2	96.2	97.2	100.0	100.0
State and local government.....	60	60	61	62	64	66	95.3	96.1	97.4	97.8	98.6	100.0
0-4 employees.....	2,242	2,411	2,621	2,716	2,840	2,955	58.1	60.1	63.8	64.8	66.5	67.6
5-9 employees.....	797	847	901	927	967	1,019	69.0	70.5	73.4	74.0	75.9	78.1
10-19 employees.....	528	564	600	623	640	661	74.6	76.7	79.7	81.1	81.8	82.4
20-49 employees.....	406	425	444	455	469	483	82.4	83.3	84.9	85.4	86.4	86.9
50-99 employees.....	164	171	178	184	190	198	87.6	88.6	90.1	91.1	92.6	94.1
100-249 employees.....	95	98	101	103	105	110	95.4	96.0	96.8	96.9	97.1	99.0
250-499 employees.....	28	28	29	29	30	31	100.0	100.0	100.0	100.0	100.0	100.0
500-999 employees.....	10	11	11	11	11	11	100.0	100.0	100.0	100.0	100.0	100.0
1,000 or more employees.....	8	8	8	8	9	9	100.0	100.0	100.0	100.0	100.0	100.0

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

# NO. V. ESTABLISHMENTS WITH KEYBOARDS, BY SIZE OF ESTABLISHMENT AND INDUSTRY: 1989

[Covers establishments with any type of keyboard; for listing of keyboard types, see table III. See text, p. 943]

INDUSTRY	Total	0-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000 or more employees
<b>NUMBER WITH KEYBOARDS (1,000)</b>										
<b>Total</b> .....	<b>5,476.8</b>	<b>2,955.1</b>	<b>1,018.9</b>	<b>861.1</b>	<b>483.4</b>	<b>197.7</b>	<b>108.8</b>	<b>30.5</b>	<b>11.5</b>	<b>8.8</b>
Agriculture, mining, construction.....	662.5	407.5	118.6	73.8	43.3	12.1	5.5	1.5	.3	.2
Manufacturing, durable goods.....	217.3	70.9	36.4	37.8	34.8	16.3	12.3	4.5	2.1	2.2
Manufacturing, nondurable goods.....	143.7	41.3	22.4	22.7	24.5	13.9	12.1	4.3	1.8	.8
Transportation and public utilities.....	338.4	192.8	51.9	39.1	30.6	12.1	7.9	2.3	.9	.9
Wholesale trade.....	469.1	214.2	109.3	77.6	48.3	13.2	5.0	1.0	.3	.1
Retail trade.....	840.1	372.0	193.8	126.4	89.9	37.8	17.3	2.2	.6	.2
Finance, insurance, real estate.....	601.6	386.1	99.4	57.1	37.8	11.8	6.6	1.7	.6	.5
Business and legal services.....	740.3	507.7	104.6	63.3	37.2	15.3	7.6	3.0	1.1	.4
Health services.....	445.4	274.0	97.4	34.4	15.5	9.7	8.9	2.5	1.6	1.5
Educational services.....	191.1	41.2	17.6	29.1	52.8	32.7	12.7	3.6	.7	.7
Other services.....	729.0	423.4	138.5	86.0	53.5	16.2	8.6	2.0	.5	.4
Federal government.....	32.4	8.7	16.5	1.8	3.3	1.2	.3	.1	.1	.2
State and local government.....	65.9	15.2	12.6	12.1	11.8	5.4	5.0	2.0	.9	.8
<b>PERCENT OF ALL ESTABLISHMENTS USING KEYBOARDS</b>										
<b>Total</b> .....	<b>73.9</b>	<b>67.6</b>	<b>78.1</b>	<b>82.4</b>	<b>86.9</b>	<b>94.1</b>	<b>99.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, mining, construction.....	83.4	78.5	87.5	96.3	99.5	100.0	100.0	100.0	100.0	100.0
Manufacturing, durable goods.....	87.8	75.0	87.3	96.9	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing, nondurable goods.....	84.7	65.7	91.9	95.6	96.0	97.5	100.0	100.0	100.0	100.0
Transportation and public utilities.....	82.9	78.9	86.7	94.0	95.7	100.0	100.0	100.0	100.0	100.0
Wholesale trade.....	86.0	78.3	87.7	98.0	99.0	100.0	100.0	100.0	100.0	100.0
Retail trade.....	45.3	36.8	50.9	53.9	58.3	76.2	94.2	100.0	100.0	100.0
Finance, insurance, real estate.....	91.2	88.2	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Business and legal services.....	90.4	86.9	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0
Health services.....	93.1	90.0	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational services.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Other services.....	63.2	55.1	73.2	78.3	90.8	98.1	100.0	100.0	100.0	100.0
Federal government.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
State and local government.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

## NO. VI. KEYBOARDS IN USE, BY TYPE OF KEYBOARD: 1984 TO 1989

[CRT terminal refers to a computer terminal with a cathode ray tube monitor. See text, p. 943]

TYPE OF KEYBOARD	NUMBER (1,000)						PERCENT DISTRIBUTION		PERCENT DISTRIBUTION WITHIN TYPE	
	1984	1985	1986	1987	1988	1989	1984	1989	1984	1989
<b>Total</b> .....	<b>20,685</b>	<b>26,978</b>	<b>31,629</b>	<b>35,606</b>	<b>38,671</b>	<b>42,166</b>	<b>100.0</b>	<b>100.0</b>	(X)	(X)
Text processors.....	14,767	17,350	18,252	18,900	17,989	17,319	71.4	41.1	100.0	100.0
Manual typewriter.....	2,846	2,239	1,913	1,771	1,539	1,139	13.8	2.7	19.3	6.6
Electric typewriter.....	10,846	12,650	13,098	13,251	12,039	11,737	52.4	27.8	73.4	67.8
Electronic typewriter.....	526	1,770	2,461	3,182	3,821	3,984	2.5	9.4	3.6	23.0
Word processor.....	548	690	780	686	589	460	2.6	1.1	3.7	2.7
CRT terminals.....	4,075	5,955	7,559	8,897	9,886	10,866	19.7	25.8	100.0	100.0
Data processing occurs off-site.....	1,038	1,338	1,566	1,732	1,830	1,925	5.0	4.6	25.5	17.7
Data processing occurs on-site.....	3,037	4,617	5,993	7,165	8,056	8,941	14.7	21.2	74.5	82.3
Personal computers.....	1,843	3,672	5,818	7,809	10,796	13,981	8.9	33.2	100.0	100.0
With communication links.....	275	620	1,185	2,360	4,031	5,784	1.3	13.7	14.9	41.4
Without communication links.....	1,569	3,052	4,633	5,449	6,765	8,197	7.6	19.4	85.1	58.6

X Not applicable.

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

## NO. VII. KEYBOARDS IN USE—NUMBER AND PERCENT DISTRIBUTION, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989

[For listing of keyboard types, see table III. See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER (1,000)						PERCENT DISTRIBUTION		
	1984	1985	1986	1987	1988	1989	1984	1988	1989
<b>Total</b> .....	<b>20,685</b>	<b>26,978</b>	<b>31,629</b>	<b>35,606</b>	<b>38,671</b>	<b>42,166</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, mining, construction.....	1,008	1,262	1,511	1,672	1,803	1,924	4.9	4.7	4.6
Manufacturing, durable goods.....	1,925	2,448	2,709	3,024	3,189	3,304	9.3	8.2	7.8
Manufacturing, nondurable goods.....	855	1,159	1,426	1,669	1,851	2,085	4.1	4.8	4.9
Transportation and public utilities.....	1,657	2,109	2,353	2,518	2,681	3,051	8.0	6.9	7.2
Wholesale trade.....	1,368	1,784	2,046	2,221	2,367	2,747	6.6	6.1	6.5
Retail trade.....	1,264	1,629	1,950	2,143	2,446	2,644	6.1	6.3	6.3
Finance, insurance, real estate.....	3,056	3,932	4,568	5,122	5,566	5,822	14.8	14.4	13.8
Business and legal services.....	1,863	2,363	2,979	3,386	3,856	4,556	8.0	10.0	10.8
Health services.....	1,320	1,642	1,839	1,979	2,257	2,532	6.4	5.8	6.0
Educational services.....	3,972	5,250	6,255	7,355	7,621	8,043	19.2	19.7	19.1
Other services.....	1,303	1,768	2,167	2,390	2,722	3,008	6.3	7.0	7.1
Federal government.....	359	454	514	603	644	666	1.7	1.7	1.6
State and local government.....	934	1,177	1,312	1,523	1,687	1,784	4.5	4.4	4.2
0-4 employees.....	3,301	4,197	4,749	5,072	5,520	5,971	16.0	14.3	14.2
5-9 employees.....	1,954	2,420	2,646	2,796	3,017	3,380	9.4	7.8	8.0
10-19 employees.....	1,529	2,162	2,710	3,013	3,339	3,700	7.4	8.6	8.8
20-49 employees.....	2,502	3,277	3,993	4,429	5,281	5,675	12.1	13.7	13.5
50-99 employees.....	2,284	2,921	3,319	3,981	4,362	4,739	11.0	11.3	11.2
100-249 employees.....	2,458	3,360	4,060	4,760	4,849	5,352	11.9	12.5	12.7
250-499 employees.....	1,851	2,341	2,720	3,036	3,302	3,617	8.9	8.5	8.6
500-999 employees.....	1,091	1,509	1,950	2,366	2,579	2,788	5.3	6.7	6.6
1,000 or more employees.....	3,715	4,791	5,482	6,154	6,422	6,944	18.0	16.6	16.5

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

# NO. VIII. KEYBOARDS IN USE AND RATIO OF KEYBOARDS IN USE TO DESKWORKERS, BY SIZE OF ESTABLISHMENT AND INDUSTRY: 1989

[In thousands, except ratio. For listing of keyboard types, see table III. See text, p. 943]

INDUSTRY	Total	0-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000 or more employees
<b>NUMBER OF KEYBOARDS IN USE</b>										
<b>Total.....</b>	<b>42,166</b>	<b>5,971</b>	<b>3,380</b>	<b>3,700</b>	<b>5,675</b>	<b>4,739</b>	<b>5,352</b>	<b>3,617</b>	<b>2,788</b>	<b>6,944</b>
Agriculture, mining, construction.....	1,924	607	256	264	233	167	124	101	66	106
Manufacturing, durable goods.....	3,304	127	92	133	183	259	415	380	382	1,334
Manufacturing, nondurable goods.....	2,085	69	75	99	220	230	408	251	269	464
Transportation and public utilities.....	3,051	478	152	226	310	338	368	267	262	649
Wholesale trade.....	2,747	508	419	485	511	309	235	107	83	91
Retail trade.....	2,644	521	388	397	454	344	204	136	110	90
Finance, insurance, real estate.....	5,822	1,035	537	511	674	499	685	467	379	1,036
Business and legal services.....	4,556	1,129	507	574	490	409	576	333	291	246
Health services.....	2,532	504	237	134	114	128	187	213	247	769
Educational services.....	8,043	59	113	372	1,902	1,611	1,601	935	335	1,115
Other services.....	3,008	877	457	419	400	275	271	131	83	95
Federal government.....	666	19	99	21	63	36	24	70	41	290
State and local government.....	1,784	38	48	65	121	131	256	224	242	660
<b>RATIO OF KEYBOARDS IN USE TO DESKWORKERS</b>										
<b>Total.....</b>	<b>1.02</b>	<b>.92</b>	<b>.88</b>	<b>.93</b>	<b>1.09</b>	<b>1.10</b>	<b>1.06</b>	<b>1.00</b>	<b>1.02</b>	<b>1.17</b>
Agriculture, mining, construction.....	.91	.99	.95	.90	.88	.87	.74	.83	.85	.89
Manufacturing, durable goods.....	1.07	1.14	1.12	.92	.80	.90	.97	.98	1.16	1.21
Manufacturing, nondurable goods.....	.96	1.05	1.04	1.00	.99	.93	.89	.81	.96	1.08
Transportation and public utilities.....	.98	1.29	.97	.95	.89	.88	.86	.83	.96	1.12
Wholesale trade.....	1.06	1.11	1.11	1.04	1.04	1.03	1.03	1.00	1.03	1.15
Retail trade.....	.59	.44	.56	.66	.64	.61	.59	.69	1.00	1.02
Finance, insurance, real estate.....	.99	1.18	1.00	.93	.79	.84	.86	.94	1.08	1.23
Business and legal services.....	.82	1.02	.92	.89	.61	.65	.78	.79	.81	.86
Health services.....	.94	.82	.63	.63	.60	.60	.87	.83	1.19	1.56
Educational services.....	2.76	1.97	2.35	3.33	5.88	5.29	3.59	2.07	1.23	1.20
Other services.....	.78	.87	.85	.80	.69	.68	.64	.68	.98	1.10
Federal government.....	1.02	1.31	1.09	1.02	.80	.67	.81	.91	1.12	1.16
State and local government.....	.88	1.27	1.03	.98	.92	.78	.74	.79	.87	.98

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

# NO. IX. KEYBOARDS PER ESTABLISHMENT AND RATIO OF KEYBOARDS TO DESKWORKERS, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989

[For listing of keyboard types, see table III. See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	KEYBOARDS PER ESTABLISHMENT WITH KEYBOARD TYPE						RATIO OF KEYBOARDS TO DESKWORKERS					
	1984, any key-board	1988, any key-board	1989				1984, any key-board	1988, any key-board	1989			
			Any key-board	Personal computer	CRT terminal	Text processor			Any key-board	Personal computer	CRT terminal	Text processor
<b>Total.....</b>	<b>4.8</b>	<b>7.4</b>	<b>7.7</b>	<b>5.2</b>	<b>13.9</b>	<b>3.4</b>	<b>.61</b>	<b>.98</b>	<b>1.02</b>	<b>.34</b>	<b>.26</b>	<b>.42</b>
Agriculture, mining, construction.....	1.9	2.7	2.9	2.6	9.3	1.6	.68	.92	.91	.28	.14	.49
Manufacturing, durable goods.....	9.3	14.8	15.2	8.6	32.3	4.5	.67	1.08	1.07	.32	.46	.29
Manufacturing, nondurable goods.....	6.1	13.0	14.5	6.9	22.9	5.1	.48	.91	.96	.27	.35	.33
Transportation and public utilities.....	5.7	8.0	9.0	6.2	13.3	3.4	.55	.96	.98	.25	.39	.34
Wholesale trade.....	3.4	5.3	5.9	3.1	9.0	2.5	.69	.98	1.06	.28	.38	.40
Retail trade.....	2.1	3.1	3.1	1.8	6.9	1.8	.31	.58	.59	.15	.17	.26
Finance, insurance, real estate.....	6.2	9.4	9.7	3.7	18.0	4.4	.64	.94	.99	.23	.33	.43
Business and legal services.....	3.2	5.5	6.2	5.0	14.2	2.5	.48	.78	.82	.35	.17	.30
Health services.....	3.7	5.3	5.7	3.0	17.6	3.0	.55	.90	.94	.20	.25	.49
Educational services.....	22.7	40.6	42.1	23.1	21.4	22.8	1.36	2.20	2.76	1.47	.23	1.05
Other services.....	2.6	4.0	4.1	2.6	6.4	2.5	.47	.78	.78	.23	.12	.44
Federal government.....	11.6	19.5	20.6	10.3	19.3	10.0	.54	.96	1.02	.39	.24	.39
State and local government.....	15.7	26.3	27.1	11.0	19.7	17.0	.50	.89	.88	.21	.28	.40
0-4 employees.....	1.5	1.9	2.0	1.5	2.2	1.4	.61	.92	.92	.26	.06	.60
5-9 employees.....	2.5	3.1	3.3	2.1	3.2	2.0	.61	.85	.88	.28	.09	.51
10-19 employees.....	2.9	5.2	5.6	3.1	5.3	2.9	.47	.85	.93	.30	.21	.42
20-49 employees.....	6.2	11.3	11.7	5.5	7.5	4.6	.55	.97	1.09	.38	.28	.42
50-99 employees.....	13.9	23.0	24.0	9.7	15.4	7.9	.72	1.09	1.10	.39	.40	.31
100-249 employees.....	25.9	46.1	48.7	20.0	22.7	16.7	.63	1.05	1.06	.37	.33	.36
250-499 employees.....	67.3	110.7	118.6	44.6	51.6	41.5	.62	1.00	1.00	.34	.34	.32
500-999 employees.....	105.8	229.8	242.6	79.0	107.1	86.1	.51	1.01	1.02	.31	.37	.34
1,000 or more employees.....	466.9	747.4	791.1	274.0	315.8	289.7	.69	1.09	1.17	.40	.38	.39

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

**NO. X. ESTABLISHMENTS WITH WORKSTATIONS, BY INDUSTRY AND SIZE OF ESTABLISHMENT:  
1984 TO 1989**

[Workstations include personal computers, CRT terminals and word processors. See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER (1,000)						PERCENT OF ALL ESTABLISHMENTS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b>	<b>919</b>	<b>1,476</b>	<b>2,038</b>	<b>2,323</b>	<b>2,626</b>	<b>2,971</b>	<b>14.0</b>	<b>21.7</b>	<b>29.3</b>	<b>32.7</b>	<b>36.3</b>	<b>40.1</b>
Agriculture, mining, construction	53	98	159	205	223	244	7.4	13.2	20.7	26.4	28.1	30.7
Manufacturing, durable goods	66	88	109	116	122	124	25.5	34.0	43.3	46.9	49.4	49.9
Manufacturing, nondurable goods	31	51	69	79	81	92	17.9	29.5	40.7	46.3	47.8	54.3
Transportation and public utilities	58	84	106	119	136	159	15.2	21.4	27.0	29.8	33.8	38.9
Wholesale trade	126	172	195	222	245	284	25.7	33.9	38.0	43.1	47.4	53.3
Retail trade	123	224	320	354	400	443	7.6	13.2	18.3	19.8	22.2	23.9
Finance, insurance, real estate	143	204	264	312	371	395	24.7	34.2	42.5	48.3	56.5	60.0
Business and legal services	118	213	347	368	382	421	18.6	31.0	48.2	48.9	49.2	51.4
Health services	29	61	102	119	147	190	6.9	14.2	23.0	26.2	31.5	39.6
Educational services	81	128	138	149	171	186	45.1	70.7	74.5	79.9	90.5	97.3
Other services	64	116	181	226	282	359	6.4	11.2	17.2	21.1	25.4	31.1
Federal government	3	10	18	19	25	28	10.2	30.8	53.8	59.2	76.7	85.6
State and local government	23	28	30	34	39	47	37.2	45.0	46.9	53.4	59.6	71.1
0-4 employees	240	455	761	931	1,029	1,198	8.2	11.3	18.5	22.2	24.1	27.4
5-9 employees	234	393	407	438	478	556	20.2	27.7	33.2	35.0	37.5	42.6
10-19 employees	151	212	309	368	426	452	21.4	28.9	41.1	48.0	54.5	56.4
20-49 employees	149	237	289	300	372	417	30.3	46.4	55.4	56.3	68.6	75.0
50-99 employees	68	121	142	155	173	195	36.5	62.4	71.7	77.0	84.5	93.0
100-249 employees	51	76	86	85	100	103	50.9	74.2	82.3	80.4	92.2	93.2
250-499 employees	15	26	26	27	28	29	53.7	90.7	91.2	91.5	93.9	95.2
500-999 employees	6	10	10	10	11	11	55.2	91.1	92.2	94.2	94.6	95.9
1,000 or more employees	5	7	8		9	9	64.2	91.7	95.5	98.6	98.9	99.9

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

**NO. XI. WORKSTATIONS IN USE, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989**

[See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER OF WORKSTATIONS (1,000)						WORKSTATIONS PER ESTABLISHMENT WITH WORKSTATIONS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b>	<b>6,466</b>	<b>10,318</b>	<b>14,157</b>	<b>17,392</b>	<b>21,271</b>	<b>25,307</b>	<b>7.04</b>	<b>6.99</b>	<b>6.95</b>	<b>7.49</b>	<b>8.10</b>	<b>8.52</b>
Agriculture, mining, construction	181	317	488	655	758	865	3.43	3.25	3.07	3.20	3.40	3.63
Manufacturing, durable goods	1,057	1,407	1,625	1,969	2,280	2,440	16.03	15.98	14.86	16.93	18.65	19.76
Manufacturing, nondurable goods	244	455	714	925	1,161	1,419	7.78	8.94	10.27	11.72	14.25	15.40
Transportation and public utilities	553	927	1,283	1,467	1,690	1,986	9.50	11.07	12.10	12.35	12.39	12.50
Wholesale trade	535	802	1,005	1,156	1,393	1,723	4.25	4.68	5.16	5.21	5.68	6.07
Retail trade	313	583	779	948	1,275	1,466	2.54	2.51	2.44	2.68	3.18	3.31
Finance, insurance, real estate	982	1,487	1,986	2,405	2,930	3,343	6.87	7.29	7.52	7.70	7.91	8.45
Business and legal services	545	975	1,483	1,924	2,320	2,898	4.62	4.58	4.27	5.23	6.07	6.86
Health services	211	399	600	746	937	1,249	7.19	6.51	5.90	6.25	6.36	6.59
Educational services	1,334	2,081	2,859	3,476	4,319	5,152	16.43	16.27	20.65	23.28	25.28	27.72
Other services	238	413	617	805	1,011	1,311	3.75	3.58	3.41	3.56	3.59	3.65
Federal government	48	153	276	329	406	418	14.20	14.79	15.40	16.88	16.02	15.10
State and local government	225	339	441	587	791	1,026	9.65	12.01	14.94	17.23	20.34	21.90
0-4 employees	523	806	1,195	1,355	1,722	2,106	2.18	1.77	1.57	1.45	1.67	1.76
5-9 employees	631	832	941	1,023	1,147	1,444	2.70	2.50	2.31	2.34	2.40	2.60
10-19 employees	345	616	970	1,239	1,603	1,948	2.28	2.90	3.14	3.38	3.76	4.31
20-49 employees	730	1,227	1,813	2,188	2,806	3,313	4.50	5.18	6.26	7.30	7.54	7.94
50-99 employees	581	1,053	1,547	2,050	2,578	3,160	8.50	8.74	10.93	13.22	14.87	16.17
100-249 employees	938	1,437	1,858	2,496	3,058	3,677	18.50	18.91	21.63	29.19	30.59	35.56
250-499 employees	663	1,042	1,392	1,780	2,207	2,557	44.87	40.70	53.17	66.51	78.77	88.02
500-999 employees	411	719	1,085	1,453	1,728	2,032	72.30	74.70	109.40	140.66	162.82	184.31
1,000 or more employees	1,643	2,586	3,356	3,808	4,422	5,071	321.40	347.05	425.76	459.73	520.21	578.52

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

**NO. XII. ESTABLISHMENTS WITH PERSONAL COMPUTERS, BY INDUSTRY AND SIZE OF ESTABLISHMENT:  
1984 TO 1989**

[See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER WITH PERSONAL COMPUTERS (1,000)						PERCENT OF ALL ESTABLISHMENTS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>545</b>	<b>1,018</b>	<b>1,535</b>	<b>1,889</b>	<b>2,228</b>	<b>2,676</b>	<b>8.3</b>	<b>15.0</b>	<b>22.1</b>	<b>26.6</b>	<b>30.8</b>	<b>36.1</b>
Agriculture, mining, construction.....	44	83	139	182	212	232	6.2	11.2	18.1	23.5	26.7	29.2
Manufacturing, durable goods.....	44	66	92	103	111	113	17.2	25.6	36.3	41.7	44.9	45.7
Manufacturing, nondurable goods.....	19	35	54	64	68	87	11.0	20.5	31.9	37.6	40.1	51.2
Transportation and public utilities.....	28	50	79	89	104	122	7.4	12.9	20.1	22.4	25.7	30.0
Wholesale trade.....	69	101	123	155	178	228	14.2	20.0	23.9	30.2	34.5	42.7
Retail trade.....	62	140	214	269	319	379	3.8	8.2	12.3	15.1	17.7	20.4
Finance, insurance, real estate.....	71	140	193	247	304	366	12.3	23.4	31.0	38.2	46.3	55.6
Business and legal services.....	76	155	286	312	344	387	12.0	22.6	39.7	41.5	44.4	47.2
Health services.....	15	47	84	103	128	182	3.4	10.9	19.0	22.7	27.4	38.0
Educational services.....	54	90	102	134	166	185	29.9	49.5	55.1	71.9	87.7	97.0
Other services.....	49	90	142	192	244	332	5.0	8.7	13.5	17.9	21.9	28.8
Federal government.....	1	3	9	13	20	25	2.0	9.8	26.9	38.4	61.2	76.4
State and local government.....	12	16	18	25	29	38	18.9	25.1	28.8	38.5	44.9	57.9
0-4 employees.....	131	326	565	767	920	1,099	3.4	8.1	13.8	18.3	21.6	25.1
5-9 employees.....	171	249	314	357	395	508	14.8	20.8	25.6	28.5	31.0	38.9
10-19 employees.....	76	130	232	291	348	388	10.8	17.8	30.8	38.0	44.5	48.4
20-49 employees.....	91	161	219	237	287	366	18.5	31.5	41.9	44.4	52.8	65.8
50-99 employees.....	32	70	103	124	147	175	17.0	36.3	52.1	61.4	71.8	83.3
100-249 employees.....	27	48	64	71	86	92	27.0	46.8	61.7	66.8	79.5	83.3
250-499 employees.....	9	19	22	24	28	28	33.9	66.0	76.5	83.1	86.1	90.9
500-999 employees.....	4	7	9	10	11	11	37.3	70.9	82.7	91.0	92.5	93.4
1,000 or more employees.....	4	7	8	8	8	9	53.8	82.4	92.1	96.5	98.8	99.8

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

**NO. XIII. PERSONAL COMPUTERS IN USE, BY INDUSTRY AND SIZE OF ESTABLISHMENT: 1984 TO 1989**

[See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	NUMBER OF PERSONAL COMPUTERS (1,000)						RATIO OF PERSONAL COMPUTERS TO DESKWORKERS					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>1,843</b>	<b>3,672</b>	<b>5,818</b>	<b>7,809</b>	<b>10,796</b>	<b>13,981</b>	<b>.054</b>	<b>.103</b>	<b>.160</b>	<b>.207</b>	<b>.275</b>	<b>.340</b>
Agriculture, mining, construction.....	71	134	215	299	440	598	.048	.085	.117	.159	.225	.282
Manufacturing, durable goods.....	214	339	450	669	868	977	.074	.116	.155	.232	.293	.315
Manufacturing, nondurable goods.....	37	110	209	335	452	598	.021	.062	.121	.191	.222	.274
Transportation and public utilities.....	65	168	282	375	580	763	.023	.058	.092	.118	.209	.246
Wholesale trade.....	161	224	273	365	521	711	.076	.101	.122	.161	.216	.275
Retail trade.....	69	173	309	395	547	672	.017	.040	.076	.093	.129	.149
Finance, insurance, real estate.....	91	336	643	837	1,053	1,360	.019	.068	.125	.154	.179	.231
Business and legal services.....	124	348	656	978	1,312	1,925	.036	.090	.156	.218	.264	.347
Health services.....	15	74	145	212	330	539	.008	.030	.059	.082	.131	.200
Educational services.....	894	1,492	2,148	2,593	3,561	4,288	.306	.501	.735	.865	1,030	1,470
Other services.....	60	168	311	436	591	873	.022	.057	.100	.135	.168	.228
Federal government.....	5	31	63	133	224	255	.007	.045	.095	.199	.333	.390
State and local government.....	37	75	114	182	318	421	.020	.039	.057	.088	.168	.208
0-4 employees.....	304	530	754	916	1,316	1,679	.056	.093	.129	.151	.220	.258
5-9 employees.....	272	446	558	620	737	1,079	.085	.132	.161	.172	.207	.281
10-19 employees.....	81	255	507	684	911	1,194	.025	.074	.145	.189	.233	.301
20-49 employees.....	333	597	914	1,050	1,310	2,004	.073	.124	.196	.216	.240	.383
50-99 employees.....	233	465	718	1,002	1,171	1,688	.074	.141	.216	.289	.292	.393
100-249 employees.....	199	415	674	1,077	1,331	1,851	.051	.102	.158	.243	.290	.367
250-499 employees.....	69	212	404	680	950	1,238	.023	.069	.128	.208	.288	.344
500-999 employees.....	32	113	294	449	724	847	.015	.051	.122	.180	.285	.309
1,000 or more employees.....	320	639	995	1,331	2,346	2,400	.059	.115	.174	.227	.397	.403

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)



**NO. XIV. ESTABLISHMENTS WITH PERSONAL COMPUTERS AND PERSONAL COMPUTERS IN USE, BY  
PRESENCE OF COMMUNICATION LINK: 1984 AND 1989**

[See text, p. 943]

INDUSTRY AND SIZE OF ESTABLISHMENT	ESTABLISHMENTS WITH—						PERSONAL COMPUTERS IN USE						
	Stand-alone PC's (1,000)		PC's with communication links			Percent of all establish- ments with PC's	Stand-alone PC's (1,000)		PC's with communication links			Percent of all PC's in use	
	1984	1989	Number (1,000)		Percent of all establish- ments with PC's		1984	1989	Number (1,000)		Percent of all PC's in use		
			1984	1989					1984	1989	1984	1989	
<b>Total.....</b>	<b>487.1</b>	<b>2,076.1</b>	<b>80.8</b>	<b>927.6</b>	<b>14.8</b>	<b>34.7</b>	<b>1,568.7</b>	<b>8,196.7</b>	<b>274.8</b>	<b>5,784.0</b>	<b>14.9</b>	<b>41.4</b>	
Agriculture, mining, construction .....	44.0	192.7	.6	56.0	1.4	24.1	64.0	384.6	7.0	213.6	9.8	35.7	
Manufacturing, durable goods .....	38.7	92.1	9.4	35.5	21.0	31.4	157.5	440.6	56.4	536.1	26.4	54.9	
Manufacturing, nondurable goods .....	18.0	68.2	2.9	34.2	14.8	39.3	29.0	273.9	6.0	324.1	21.7	54.2	
Transportation and public utili- ties .....	24.5	85.0	5.2	59.1	18.3	48.3	43.7	338.0	21.7	425.0	33.2	55.7	
Wholesale trade .....	58.2	166.5	13.5	99.5	19.4	43.7	125.5	349.2	35.6	362.0	22.1	50.9	
Retail trade .....	53.2	253.6	8.7	150.3	14.1	39.7	57.4	396.5	11.2	275.6	16.3	41.0	
Finance, insurance, real estate .....	59.1	264.5	16.8	155.3	23.5	42.4	61.7	635.3	29.8	725.0	32.6	53.3	
Business and legal services .....	65.9	319.6	13.9	130.9	18.3	33.8	94.8	1,072.4	28.8	852.9	23.3	44.3	
Health services .....	14.7	140.5	2	50.3	1.5	27.7	14.8	335.6	.6	203.1	3.9	37.7	
Educational services .....	53.0	170.1	4.0	52.4	7.4	28.3	836.1	3,104.2	58.1	1,183.4	6.5	27.6	
Other services .....	47.2	278.9	2.3	68.7	4.6	20.7	54.8	603.4	5.6	269.8	9.3	30.9	
Federal government .....	4	14.4	4	18.2	63.0	73.7	2.8	98.1	1.8	156.7	38.6	61.5	
State and local government .....	10.3	29.9	3.0	17.3	25.7	45.3	26.7	164.8	10.1	256.6	27.5	60.9	
0-4 employees .....	113.4	920.1	17.5	229.7	13.4	20.9	283.1	1,282.5	21.0	396.2	6.9	23.6	
5-9 employees .....	150.0	388.4	23.1	173.1	13.5	34.1	248.6	746.5	23.7	332.3	8.7	30.8	
10-19 employees .....	67.4	285.5	10.4	153.8	13.6	39.6	70.6	766.5	10.5	427.4	13.0	35.8	
20-49 employees .....	84.9	259.1	12.3	169.4	13.5	46.3	284.8	1,180.5	48.3	823.7	14.5	41.1	
50-99 employees .....	30.2	121.1	4.6	99.1	14.6	56.6	197.8	965.8	35.5	722.6	15.2	42.8	
100-249 employees .....	25.2	64.8	6.6	64.9	24.6	70.2	158.3	1,025.5	41.1	825.6	20.6	44.6	
250-499 employees .....	8.6	20.8	2.9	20.4	31.4	73.4	54.4	660.1	14.2	578.4	20.7	46.7	
500-999 employees .....	3.5	8.6	1.3	9.3	32.8	86.7	25.0	441.4	6.6	405.8	20.9	47.9	
1,000 or more employees .....	3.9	7.6	2.1	8.0	47.9	91.4	246.0	1,128.0	73.9	1,272.0	23.1	53.0	

Source: Gartner Group, Inc., Stamford, CT, unpublished data from COMTEC data base. (Copyright.)

**NO. XV. PERSONAL COMPUTERS IN USE AND RATIO OF COMPUTERS TO DESKWORKERS, BY SIZE OF  
ESTABLISHMENT AND INDUSTRY: 1989**

[In thousands, except ratios. See text, p. 943]

INDUSTRY	Total	0-4 em- ployees	5-9 em- ployees	10-19 em- ployees	20-49 em- ployees	50-99 em- ployees	100-249 em- ployees	250-499 em- ployees	500-999 em- ployees	1,000 or more em- ployees
<b>NUMBER OF PERSONAL COMPUTERS</b>										
<b>Total.....</b>	<b>13,981</b>	<b>1,679</b>	<b>1,079</b>	<b>1,194</b>	<b>2,004</b>	<b>1,688</b>	<b>1,851</b>	<b>1,238</b>	<b>847</b>	<b>2,400</b>
Agriculture, mining, construction.....	598	145	68	78	89	66	52	44	23	33
Manufacturing, durable goods.....	977	20	19	31	49	64	102	106	109	476
Manufacturing, nondurable goods.....	598	20	23	34	66	63	106	57	70	160
Transportation and public utilities.....	763	104	47	63	85	64	69	60	69	201
Wholesale trade.....	711	148	136	133	125	50	42	23	19	34
Retail trade.....	672	140	130	123	102	76	32	21	26	22
Finance, insurance, real estate.....	1,360	274	140	122	143	99	144	107	88	244
Business and legal services.....	1,925	420	238	256	213	183	263	134	120	99
Health services.....	539	122	59	33	26	35	39	45	153	45
Educational services.....	4,288	25	49	179	939	849	866	537	193	651
Other services.....	873	251	131	121	118	102	76	34	20	21
Federal government.....	255	5	31	7	21	13	9	28	17	125
State and local government.....	421	5	8	16	29	31	56	48	47	181
<b>RATIO OF PERSONAL COMPUTERS TO DESKWORKERS</b>										
<b>Total.....</b>	<b>.34</b>	<b>.26</b>	<b>.28</b>	<b>.30</b>	<b>.38</b>	<b>.39</b>	<b>.37</b>	<b>.34</b>	<b>.31</b>	<b>.40</b>
Agriculture, mining, construction.....	.28	.24	.25	.26	.34	.34	.31	.36	.30	.28
Manufacturing, durable goods.....	.32	.18	.24	.21	.21	.22	.24	.27	.33	.43
Manufacturing, nondurable goods.....	.27	.31	.32	.34	.30	.25	.23	.18	.25	.37
Transportation and public utilities.....	.25	.28	.30	.27	.25	.17	.16	.18	.26	.35
Wholesale trade.....	.27	.32	.36	.29	.25	.17	.19	.21	.24	.43
Retail trade.....	.15	.12	.19	.20	.14	.14	.09	.11	.24	.25
Finance, insurance, real estate.....	.23	.31	.26	.22	.17	.17	.18	.21	.25	.29
Business and legal services.....	.35	.38	.43	.40	.26	.29	.36	.32	.33	.34
Health services.....	.20	.20	.15	.15	.14	.18	.16	.17	.22	.31
Educational services.....	1.47	.82	1.02	1.60	2.91	2.79	1.94	1.19	.71	.70
Other services.....	.23	.25	.24	.23	.20	.25	.18	.18	.24	.25
Federal government.....	.39	.31	.34	.33	.27	.23	.29	.37	.46	.50
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